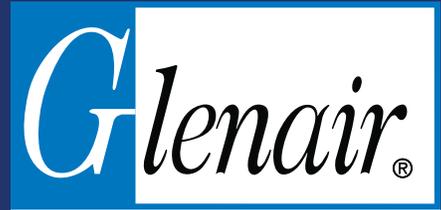


MISSION-CRITICAL
INTERCONNECT
SOLUTIONS



SERIES 260

MIL-DTL-26482

Series II Type Connectors

Rugged Bayonet-Coupling
Crimp-Contact Connectors

JANUARY 2026



Glenair MIL-DTL-26482 Type Bayonet-Lock Connectors



MIL-DTL-26482 Series II Type Rugged bayonet-coupling crimp-contact connectors

- For rugged military and industrial applications that require quick mate/demate three-point bayonet-lock coupling
- Glenair 26482-style connectors offer high-performance plating options unavailable in standard mil-spec parts including TZ Tin-Zinc, our recommended RoHS-material AMS2434 Type 2 qualified cadmium-compatible replacement, ZR black zinc-nickel, and Z1 passivated stainless steel.
- Complete range of tooled MIL-STD-1669 insert arrangements for size #20, #16, and #12 signal and power crimp, rear-release contacts. The Glenair solution offers three shell size 8 arrangements not available in the mil-spec version



Quick Selection Guide

GENERAL INFORMATION



General Information

MIL-STD-1669 Contact Arrangements and Alternate Positions
 Reference Information: Coupling Torque, Electrical Performance, Materials and Finishes

CONTACTS AND TOOLS



Contacts and Tools

Mil-Spec 39029 contacts
 Insertion / removal tools

ENVIRONMENTAL PLUG CONNECTORS



MIL-DTL-26482 Series II Type Plug connectors

260-002-75 Plug with EMI Spring
 260-002-76 Non-EMI Plug

ENVIRONMENTAL RECEPTACLE CONNECTORS



MIL-DTL-26482 Series II Type Receptacles

260-002-70 Narrow-Flange Wall-Mount Receptacle
 260-002-71 Cable Connecting Receptacle
 260-002-72 Wide-Flange Wall-Mount Receptacle
 260-002-74 Jam-Nut Receptacle

HERMETIC RECEPTACLE CONNECTORS

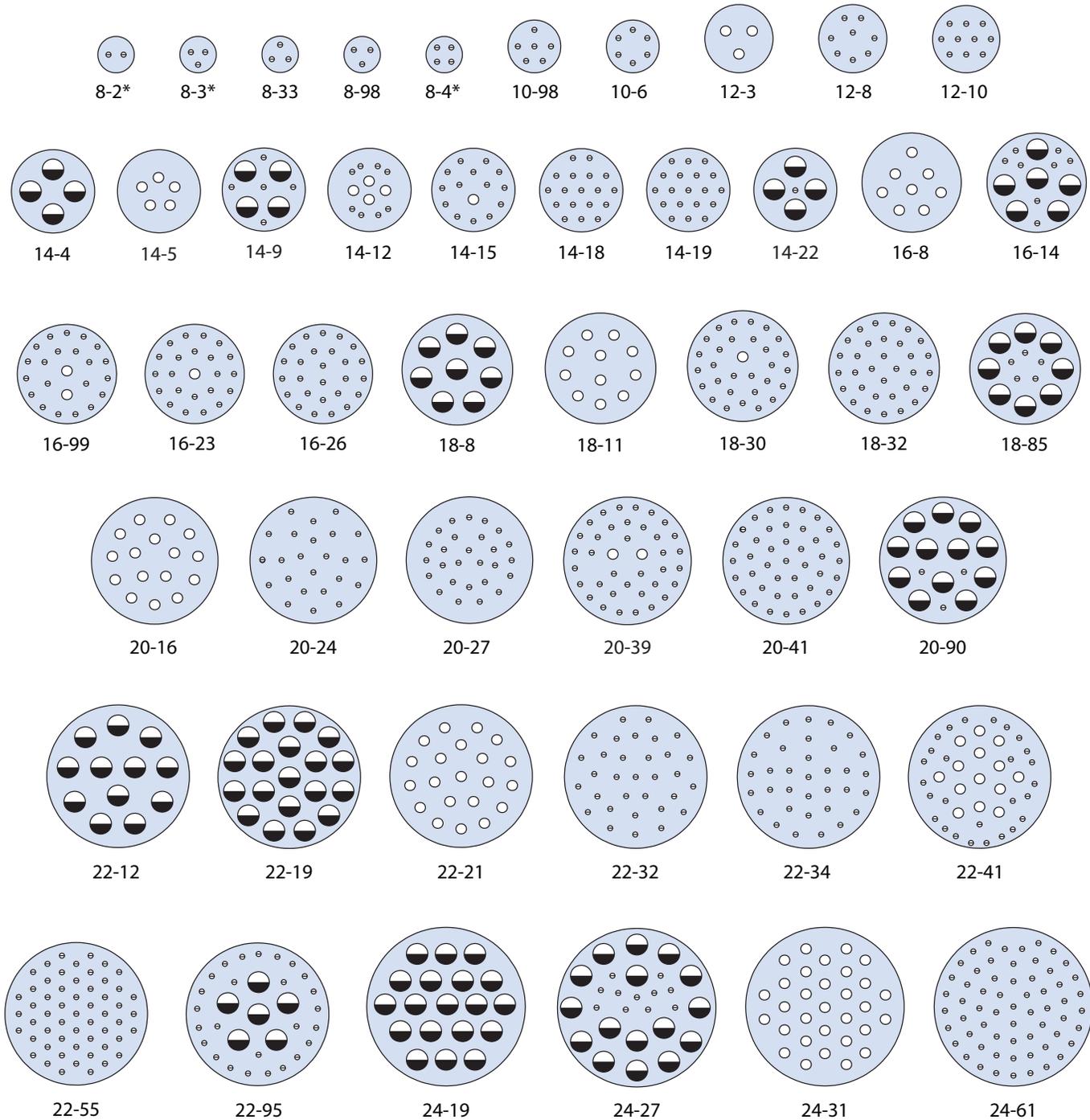


MIL-DTL-26482 Series II Type Receptacles

230-016 Narrow-Flange Wall-Mount Receptacle
 230-017 Wide-Flange Wall-Mount Receptacle
 230-018 Solder Flange Wall-Mount Receptacle
 230-043 Jam-Nut Mount Receptacle with Accessory Threads
 230-044 Jam-Nut Mount Receptacle with Banding Porch
 947-262 Jam-Nut Mount, Pin-Socket Feedthrough
 257-135 Jam-Nut Mount, Pin-Pin Feedthrough

GLENAIR SERIES 260 MIL-DTL-26482 Series II Type

MIL-STD-1669 Insert Arrangements



MIL-SPEC CONTACT PART NUMBERS		
Contact Size	Pin Contacts P/N	Socket Contacts P/N
20	M39029/4-110	M39029/5-115
16	M39029/4-111	M39029/5-116
12	M39029/4-113	M39029/5-118

*8-2, 8-3, 8-4 are non-QPL arrangements, available in Glenair COTS part numbers only.



**MIL-STD-1669 Insert Arrangements Table
 and Alternate Positions**

INSERT ARRANGEMENTS					
Shell Size Designator	Insert Arrangement Dash Number	Contact Size and Quantity			Service Rating
		20	16	12	
8	8-2	2			I
	8-3	3			I
	8-4	4			I
	8-33	3			I
	8-98	3			I
10	10-6	6			I
	10-98	6			I
12	12-3		3		II
	12-8	8			I
	12-10	10			I
14	14-4			4	I
	14-5		5		II
	14-9	5		4	I
	14-12	8	4		I
	14-15	14	1		I
	14-18	18			I
	14-19	19			I
	14-22	1		4	I
16	16-8		8		II
	16-14	8		6	I
	16-23	22	1		I
	16-26	26			I
	16-99	21	2		I
18	18-8			8	I
	18-11		11		II
	18-30	29	1		I
	18-32	32			I
	18-85	5		8	I
20	20-16		16		II
	20-24	24			I
	20-27	27			I
	20-39	37	2		I
	20-41	41			I
	20-90	3		12	I
22	22-12			12	I
	22-19			19	I
	22-21		21		II
	22-32	32			I
	22-34	34			I
	22-41	27	14		I
	22-55	55			I
	22-95	26		6	I
24	24-19			19	II
	24-27	11		16	I
	24-31		31		I
	24-61	61			I

ALTERNATE POSITIONS				
Shell Size / Insert Arrangement				
	A°			
	W	X	Y	Z
8-2	58	122	-	-
8-3	60	210	-	-
8-4	45	-	-	-
8-33	90	-	-	-
8-98	-	-	-	-
10-6	90	-	-	-
10-98	90	180	240	270
12-3	-	-	180	-
12-8	90	112	203	292
12-10	60	155	270	295
14-4	45	-	-	-
14-5	40	92	184	273
14-9	15	90	180	240
14-12	43	90	-	-
14-15	17	110	155	234
14-18	15	90	180	270
14-19	30	165	315	-
14-22	45	-	-	-
16-8	54	152	180	331
16-14	25	78	180	240
16-23	158	270	-	-
16-26	60	-	275	338
16-99	66	156	223	340
18-8	180	-	-	-
18-11	62	119	241	340
18-30	180	193	285	350
18-32	85	138	222	265
18-85	45	90	180	240
20-16	238	318	333	347
20-24	70	145	215	290
20-27	72	144	216	288
20-39	63	144	252	333
20-41	45	126	225	-
20-90	18	60	240	270
22-12	-	-	-	-
22-19	15	90	225	308
22-21	16	135	175	349
22-32	72	145	215	288
22-34	62	142	218	298
22-41	39	135	264	-
22-55	30	142	226	314
22-95	26	180	266	-
24-19	30	165	315	-
24-27	45	110	140	225
24-31	90	225	255	-
24-61	90	180	270	324

GLENAIR SERIES 260

MIL-DTL-26482 Series II Type

Reference Information

COUPLING TORQUE		
Shell Size	Torque	
	Maximum engagement and disengagement	Minimum disengagement
8	8 (.904 N-m)	1 (.113 N-m)
10	10 (1.13 N-m)	1 (.113 N-m)
12	14 (1.58 N-m)	2 (.226 N-m)
14	17 (1.92 N-m)	4 (.452 N-m)
16	23 (2.60 N-m)	4 (.452 N-m)
18	26 (2.94 N-m)	4 (.452 N-m)
20	31 (3.50 N-m)	6 (.678 N-m)
22	38 (4.29 N-m)	7 (.791 N-m)
24	38 (4.29 N-m)	7 (.791 N-m)

DIELECTRIC WITHSTANDING VOLTAGE		
Altitude (ft.)	Minimum Test Voltages, AC (RMS)	
	Service Rating I	Service Rating II
Sea Level	1,500	2,300
50,000	500	750
70,000	375	500
110,000	200	200

WORKING VOLTAGE, AC, RMS		
Condition	Service Rating I	Service Rating II
Sea Level	600	1,000
70,000 ft.	600	450

MATERIAL AND FINISH SPECIFICATIONS								
Glenair Code	Material	Finish	Finish Specification	Salt Spray Hrs.	Electrical Conductivity	Operating Temp. Range	RoHS Materials	Notes
AB	Marine Bronze	Unplated	AMS4640 alloy, unplated	1000	Conductive	-65° to +200°C	✓	Marine and geo-physical applications
ME	Aluminum	Electroless Nickel	AMS-C-26074, Grade A; ASTM B733, SC 3	96	Conductive	-65° to +200°C	✓	High-durability electroless nickel finish.
NF	Aluminum	Cadmium, Olive Drab	AMS-QQ-P-416, Type II, Class 2, over electroless nickel	500	Conductive	-65° to +175°C		Olive drab cadmium finish.
TZ	Aluminum	Tin-Zinc, Green-Gold	AMS2434, Type 2, over electroless nickel	500	Conductive	-65° to +175°C	✓	Cadmium-compatible replacement.
ZR	Aluminum	Zinc-Nickel, Black	ASTM B841, over electroless nickel	500	Conductive	-65° to +175°C	✓	Black zinc-nickel finish.
Z1	Stainless Steel	Passivate	AMS2700	500	Conductive	-65° to +200°C	✓	Passivated stainless steel

Wave spring = Stainless steel / passivated

Insulator = high-grade rigid dielectric • Seals, grommet = fluorosilicone blend

NOTES

Additional Component Material / Finish

- Wave spring = Stainless steel / passivated
- Grounding spring = Copper alloy / nickel plated
- Insulator = high-grade rigid dielectric
- Seals, grommet = fluorosilicone blend

Notes

- Dimensions are subject to change without notice. Metric dimensions appear in parentheses in diagrams and tables, based on 1 inch = 25.4 mm, for reference only. Unless otherwise specified, the following other dimensional tolerances apply:

.xx = ± .03 (0.8)	Lengths = ± .060 (1.52)
.xxx = ± .015 (0.4)	Angles = ± 5°

Customers are advised to consult the factory for the latest specifications, particularly to confirm critical dimensions such as connector lengths, threads, and so on. When errors or mistakes are brought to our attention, corrected content is posted immediately to www.glenair.com.

For all parts in this catalog:

- All parts will be identified with manufacturer's name and part number, space permitting.
- Glenair 600 series backshell assembly tools are recommended for assembly and installation. Series 26 environmental connectors are designed to mate with any QPL manufacturer's MIL-DTL-26482 Series 1 and 2 connectors with the same shell size, insert arrangement, and polarization.
- Connectors ordered with contacts will be supplied with spares, insertion/removal tool, and sealing plugs.

NASA and D38999, Class G Space-Grade Guidelines

Series 806 Connectors for Space Flight

The Series 806 is an ideal interconnect choice for space flight equipment. The series 806 features materials, finishes, and performance specifications that meet the MIL-DTL-38999 Class G requirements for space-grade connectors, except with higher density and lower weight.

Outgassing

Space flight equipment requires low-outgassing components in order to prevent degradation to optics and other sensitive instruments. Series 806 connectors contain nonmetallic materials such as rubber, plastic, adhesives and potting compounds which can give off gasses when subjected to a vacuum or high heat. Unless the connector is specially processed, the TML and CVCM can exceed allowable limits. The space industry has adopted a standardized test procedure, ASTM E595, to evaluate outgassing properties. The MIL-DTL-38999 specification Class G also details specific TVM and CVCM values in addition to finish specifications. In Glenair's 186T process, for example, connectors and connector materials are heated to 175° C at a vacuum of 5 X 10⁻⁶ Torr for 48 hours. Items under test are then weighed to calculate the Total Mass Loss (TML), which may not exceed 1.0% of the total initial mass. A collector plate is used to determine the Collected Volatile Condensable Material (CVCM), which may not exceed 0.1% of the total original specimen mass for Class G rated connectors. Glenair is able to offer outgas processing which assures all materials comply with their respective standards.

Note on Connector Material and Finish Options

Some types of metals are prohibited for space flight. "Pure Tin, Cadmium and Zinc shall not be used as a final finish on EEE parts." (NASA EEE-INST-002 Instructions for EEE Parts Selection, Screening, Qualification, and Derating). NASA recommends electroless nickel or gold finish on connector shells and gold finish for contacts.

Specifying Appropriate NASA Screening

- 1 Choose a NASA EEE-INST-002 Table 2A screening level.** This table contains three screening levels: **Level 1** for missions requiring the highest reliability and lowest level of risk, **Level 2** for low to moderate risk missions, and **Level 3** missions where enhanced screening and inspection is not invoked.
- 2 Choose outgassing process and/or NASA inspection requirements.** Nine options are available for NASA outgassing, see Table I for details. Cross reference Table II for inspections completed by screening level as required by NASA standards.
- 3 Select the modification code** from the Table I and add it to the Series 806 part number. Example: 806-012-ME8-7PMA-**429**.

TABLE I: OUTGASSING PER NASA SCREENING LEVELS AND D38999, CLASS G

Screening Level	Screening Type	No Outgas Processing	100% 48 Hour Oven Bakeout at +175° C	100% Thermal Vacuum (10 ⁻⁶ Torr), 24 Hour at +125° C	100% Thermal Vacuum (10 ⁻⁶ Torr), 48 Hour at +175° C	Mod Code
3	Standard Reliability		●	●		429L
						186
2	High Reliability	●				429
			●	●		429A
			●			429K
1	Highest Reliability	●				429B
				●	●	429C
			●			429J
MIL-DTL-38999, Class G (No Inspection)					●	186T

TABLE II: NASA EEE-INST-02, TABLE 2A SCREENING LEVELS

Inspection	Level 1	Level 2	Level 3
Visual	100%	100%	100%
Mechanical	2	2	
Dielectric Withstanding Voltage	2	2	
Insulation Resistance	2	2	
Contact Engagement & Separation Force	2		
Hermeticity (Sealed Receptacles Only)	100%	100%	100%
Coupling Force	2		

Note: required inspection quantity shown. Zero acceptance of failures allowed for all quantities inspected. Inspection is not performed/required for MIL-DTL-38999, Class G

GLENAIR SERIES 260 MIL-DTL-26482 Series II Type

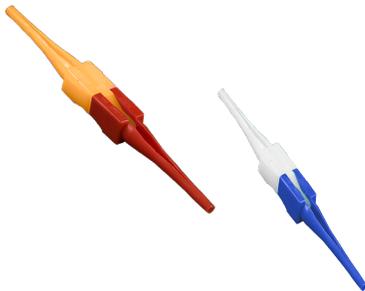
Crimp Contacts and Contact Insertion/Removal Tools

MIL-SPEC CRIMP CONTACTS FOR GLENAIR SERIES 260-002 M26482 TYPE CONNECTORS

Glenair Series 260-002 MIL-DTL-26482 Series II type connectors are supplied with contacts (including spares), insertion / removal tool, and sealing plugs. Connectors may also be ordered without contacts. Additional contacts, insertion/removal tools, crimp tools, and positioners may be ordered using the part numbers on this page:

					
M39029/4-110 Size 20 pin contact	M39029/5-115 Size 20 socket contact	M39029/4-111 Size 16 pin contact	M39029/5-116 Size 16 socket contact	M39029/4-113 Size 12 pin contact	M39029/5-118 Size 12 socket contact

CONTACT INSERTION / REMOVAL TOOLS



Contact	Insertion Tool	Removal Tool	
		Wired Contact	Unwired Contact
M39029/4-110 Size 20 pin	M81969/14-11	M81969/14-11	M81969/30-05
M39029/5-115 Size 20 socket	M81969/14-11	M81969/14-11	M81969/30-05
M39029/4-111 Size 16 pin	M81969/14-03	M81969/14-03	M81969/30-06
M39029/5-116 Size 16 socket	M81969/14-03	M81969/14-03	M81969/30-06
M39029/4-113 Size 12 pin	M81969/14-04	M81969/14-04	M81969/30-06
M39029/5-118 Size 12 socket	M81969/14-04	M81969/14-04	M81969/30-07

CRIMP TOOLS AND POSITIONERS



Contact	Crimping Tool	Positioner
M39029/4-110 Size 20 pin	M22520/1-01 or M22520/2-01 or M22520/7-01	M22520/1-02 RED or M22520/2-02 or M22520/7-02
M39029/5-115 Size 20 socket	M22520/1-01 or M22520/2-01 or M22520/7-01	M22520/1-02 RED or M22520/2-02 or M22520/7-02
M39029/4-111 Size 16 pin	M22520/1-01 or M22520/7-01	M22520/1-02 BLUE or M22520/7-03
M39029/5-116 Size 16 socket	M22520/1-01 or M22520/7-01	M22520/1-02 BLUE or M22520/7-03
M39029/4-113 Size 12 pin	M22520/1-01	M22520/1-02 YELLOW
M39029/5-118 Size 12 socket	M22520/1-01	M22520/1-02 YELLOW

GLENAIR SERIES 260 MIL-DTL-26482 Series II Type



260-002-75 Plug with EMI Spring - MS3475 260-002-76 Non-EMI Plug - MS3476

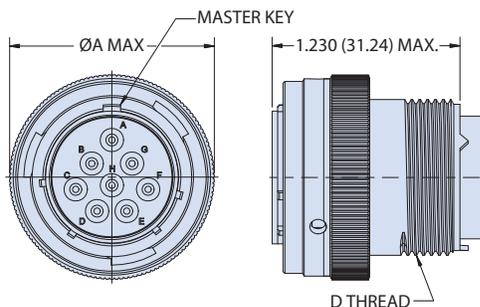


HOW TO ORDER						
Sample Part Number	260-002-75	ME	16	-26	P	Y
Series / Basic Part No.	260-002-75 = Plug with EMI ground spring 260-002-76 = Non-EMI plug					
Material/ Finish	AB = Marine bronze, unplated NF = Aluminum, cadmium O.D. over electroless nickel ME = Aluminum, electroless nickel TZ = Aluminum, tin-zinc green-gold over electroless nickel ZR = Aluminum, zinc nickel-black Z1 = Stainless Steel, passivated				Shell Size	Insert Arrangement
Shell Size - Insert Layout	Shell Size: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; See Shell Size - Insert Layout table					
Contact Type	P = Pin, Gold, 500 mating cycles S = Socket, Gold, 500 mating cycles A = Pin insert, less pin contacts B = Socket insert, less socket contacts Connectors supplied with contacts (including spares), insertion/removal tool, and sealing plugs					
Alternate Polarization	W, X, Y, Z, Omit for normal					

NOTES

- Material/finish:
 - Shell, barrel, coupling nut, jam nut - see Table i
 - Wave spring - stainless steel / passivated
 - Grounding spring - BeCu alloy / nickel plating
 - insulator - high grade rigid dielectric
 - Seals, grommet - fluorosilicone blend
 - Contacts - copper alloy / gold
- Assembly is identified with Glenair's name, cage code, part number, and date code space permitting, location optional.
- Glenair's 260-002 connectors are designed to mate with any QPL manufacturer's MIL-DTL-26482, Series 1 & 2 connectors having the same shell size, insert arrangement, and polarization.
- Insert arrangement is in accordance with MIL-STD-1669. Contact manufacturer for additional arrangement options.
- Blue color band indicates rear release retention system.
- Connector is supplied with contacts (including spares), insertion/removal tool, and sealing plugs where indicated in table III.
- Consult factory for crimp tools and/or accessory selection.

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19			19				



DIMENSIONS		
Shell Size	ØA Max	D Thread
8	0.782 (19.86)	.5000-20 UNF-2A
10	0.926 (23.52)	.6250-24 UNEF-2A
12	1.043 (26.49)	.7500-20 UNEF-2A
14	1.183 (30.05)	.8750-20 UNEF-2A
16	1.305 (33.15)	1.000-20 UNEF-2A
18	1.391 (35.33)	1.0625-18 UNEF-2A
20	1.531 (38.89)	1.1875-18 UNEF-2A
22	1.656 (42.06)	1.3125-18 UNEF-2A
24	1.777 (45.14)	1.4375-18 UNEF-2A

GLENAIR SERIES 260 MIL-DTL-26482 Series II Type

260-002-70 Narrow-Flange Wall-Mount Receptacle MS3470



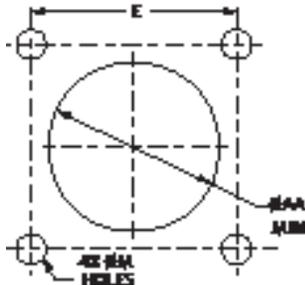
HOW TO ORDER						
Sample Part Number	260-002-70	ME	16	-26	P	Y
Series / Basic Part No.	260-002-70 = Narrow-flange wall-mount receptacle					
Material/Finish	AB = Marine bronze, unplated NF = Aluminum, cadmium O.D. over electroless nickel ME = Aluminum, electroless nickel TZ = Aluminum, tin-zinc green-gold over electroless nickel ZR = Aluminum, zinc nickel-black Z1 = Stainless steel, passivated					
Shell Size - Insert Layout	Shell Size: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Gold, 500 mating cycles S = Socket, Gold, 500 mating cycles A = Pin insert, less pin contacts B = Socket insert, less socket contacts Connectors supplied with contacts (including spares), insertion/removal tool, and sealing plugs					
Alt. Polarization	W, X, Y, Z, Omit for normal					

NOTES

- Material/finish:
 - Shell, barrel, coupling nut, jam nut - see Table I
 - Wave spring - stainless steel / passivated
 - Grounding spring - BeCu alloy / nickel plating
 - Insulator - high grade rigid dielectric
 - Seals, grommet - fluorosilicone blend
 - Contacts - copper alloy / gold
- Assembly is identified with Glenair's name, cage code, part number, and date code space permitting, location optional.
- Glenair's 260-002 connectors are designed to mate with any QPL manufacturer's MIL-DTL-26482, Series 1 & 2 connectors having the same shell size, insert arrangement, and polarization.
- Insert arrangement is in accordance with MIL-STD-1669. Contact manufacturer for additional arrangement options.
- Blue color band indicates rear release retention system.
- Connector is supplied with contacts (including spares), insertion/removal tool, and sealing plugs where indicated in table III.
- Consult factory for crimp tools and/or accessory selection.

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19							19

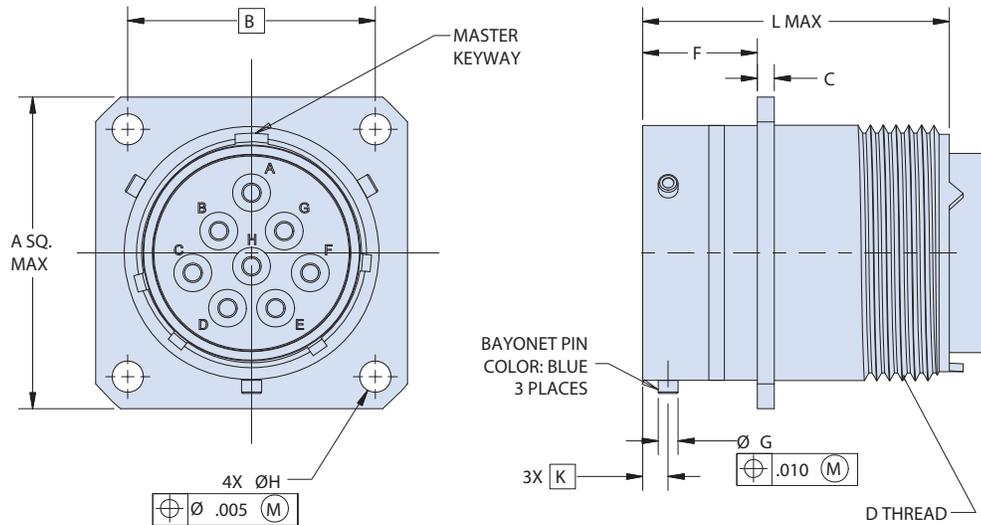
FRONT PANEL MOUNTING HOLES				
Shell Size	ØAA ±.005 (.13)	ØM Holes In± .010 (0.25)	E In±.005 (0.13)	
8	.568 (14.43)	.120 (3.05)	.594 (15.09)	
10	.685 (17.40)	.120 (3.05)	.719 (18.26)	
12	.864 (21.95)	.120 (3.05)	.812 (20.62)	
14	.989 (25.12)	.120 (3.05)	.906 (23.01)	
16	1.113 (28.27)	.120 (3.05)	.969 (24.61)	
18	1.238 (31.45)	.120 (3.05)	1.062 (26.97)	
20	1.363 (34.62)	.120 (3.05)	1.156 (29.36)	
22	1.488 (37.80)	.120 (3.05)	1.250 (31.75)	
24	1.615 (41.02)	.147 (3.73)	1.375 (34.93)	



GLENAIR SERIES 260 MIL-DTL-26482 Series II Type



260-002-70 Narrow-Flange Wall-Mount Receptacle MS3470



DIMENSIONS									
Shell Size	A Sq.	B Bsc.	C	F	D Thread	ØH Holes	ØG	K Bsc	L Max
8	.828 (21.03)	.594 (15.09)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	.5000-20 UNF-2A	.120 (3.05)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
10	.954 (24.23)	.719 (18.26)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	.6250-24 UNEF-2A	.120 (3.05)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
12	1.047 (26.59)	.812 (20.62)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	.7500-20 UNEF-2A	.120 (3.05)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
14	1.141 (28.98)	.906 (23.01)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	.8750-20 UNEF-2A	.120 (3.05)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
16	1.234 (31.34)	.969 (24.61)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	1.000-20 UNEF-2A	.120 (3.05)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
18	1.328 (33.73)	1.062 (26.97)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	1.0625-18 UNEF-2A	.120 (3.05)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
20	1.453 (36.91)	1.156 (29.36)	.110 (2.79) .078 (1.98)	.587 (14.91) .556 (14.12)	1.1875-18 UNEF-2A	.120 (3.05)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.275 (32.39)
22	1.578 (40.08)	1.25 (31.75)	.110 (2.79) .078 (1.98)	.587 (14.91) .556 (14.12)	1.3125-18 UNEF-2A	.120 (3.05)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.275 (32.39)
24	1.703 (43.26)	1.375 (34.93)	.110 (2.79) .078 (1.98)	.620 (15.75) .589 (14.96)	1.4375-18 UNEF-2A	.147 (3.73)	.131 (3.33) .123 (3.12)	.109 (2.77)	1.275 (32.39)

GLENAIR SERIES 260 MIL-DTL-26482 Series II Type

260-002-71 Cable Connecting Receptacle MS3471



HOW TO ORDER						
Sample Part Number	260-002-71	ME	16	-26	P	Y
Series / Basic Part No.	260-002-71 = Cable connecting receptacle					
Material/Finish	AB = Marine bronze, unplated NF = Aluminum, cadmium O.D. over electroless nickel ME = Aluminum, electroless nickel TZ = Aluminum, tin-zinc green-gold over electroless nickel ZR = Aluminum, zinc nickel-black Z1 = Stainless Steel, passivated				Shell Size	Insert Arrangement
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Gold, 500 mating cycles S = Socket, Gold, 500 mating cycles A = Pin insert, less pin contacts B = Socket insert, less socket contacts Connectors supplied with contacts (including spares), insertion/removal tool, and sealing plugs					
Alt. Polarization	W, X, Y, Z, Omit for normal					

NOTES

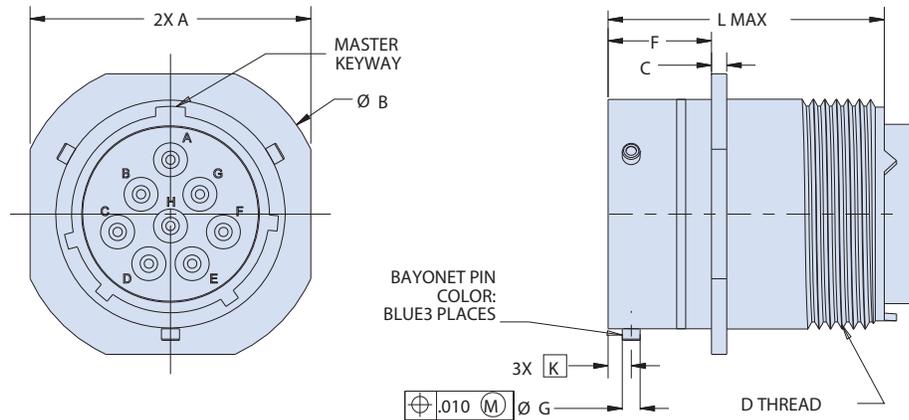
- Material/finish:
 - Shell, barrel, coupling nut, jam nut - see Table I
 - Wave spring - stainless steel / passivated
 - Grounding spring - BeCu alloy / nickel plating
 - insulator - high grade rigid dielectric
 - Seals, grommet - fluorosilicone blend
 - Contacts - copper alloy / gold
- Assembly is identified with Glenair's name, cage code, part number, and date code space permitting, location optional.
- Glenair's 260-002 connectors are designed to mate with any QPL manufacturer's MIL-DTL-26482, Series 1 & 2 connectors having the same shell size, insert arrangement, and polarization.
- Insert arrangement is in accordance with MIL-STD-1669. Contact manufacturer for additional arrangement options.
- Blue color band indicates rear release retention system.
- Connector is supplied with contacts (including spares), insertion/removal tool, and sealing plugs where indicated in table III.
- Consult factory for crimp tools and/or accessory selection.

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19							19

GLENAIR SERIES 260 MIL-DTL-26482 Series II Type



260-002-71 Cable Connecting Receptacle MS3471



DIMENSIONS								
Shell Size	A Sq.	B	C	F	D Thread	ØG	K Bsc	L Max
8	.828 (21.03)	.958 (24.33) .918 (23.32)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	.5000-20 UNF-2A	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
10	.954 (24.23)	1.082 (27.48) 1.042 (26.47)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	.6250-24 UNEF-2A	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
12	1.047 (26.59)	1.176 (29.87) 1.136 (28.85)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	.7500-20 UNEF-2A	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
14	1.141 (28.98)	1.270 (32.26) 1.230 (31.24)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	.8750-20 UNEF-2A	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
16	1.234 (31.34)	1.364 (34.65) 1.324 (33.63)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	1.000-20 UNEF-2A	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
18	1.328 (33.73)	1.458 (37.03) 1.418 (36.02)	.078 (1.98) .046 (1.17)	.462 (11.73) .431 (10.95)	1.0625-18 UNEF-2A	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
20	1.453 (36.91)	1.582 (40.18) 1.542 (39.17)	.110 (2.79) .078 (1.98)	.587 (14.91) .556 (14.12)	1.1875-18 UNEF-2A	.084 (2.13) .076 (1.93)	.100 (2.54)	1.275 (32.39)
22	1.578	1.708 (43.38) 1.668 (42.37)	.110 (2.79) .078 (1.98)	.587 (14.91) .556 (14.12)	1.3125-18 UNEF-2A	.084 (2.13) .076 (1.93)	.100 (2.54)	1.275 (32.39)
24	1.703	1.832 (46.53) 1.792 (45.52)	.110 (2.79) .078 (1.98)	.620 .589	1.4375-18 UNEF-2A	.131 .123	.109	1.275 (32.39)

GLENAIR SERIES 260 MIL-DTL-26482 Series II Type

260-002-72 Wide-Flange Wall-Mount Receptacle MS3472



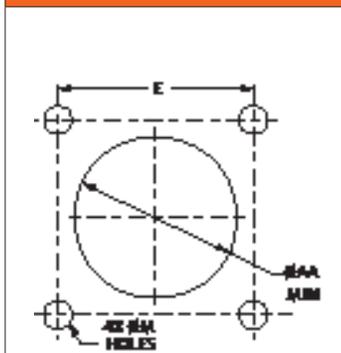
HOW TO ORDER						
Sample Part Number	260-002-72	ME	16	-26	P	Y
Series / Basic Part No.	260-002-72 = Wide-flange wall-mount receptacle					
Material/Finish	AB = Marine bronze, unplated NF = Aluminum, cadmium O.D. over electroless nickel ME = Aluminum, electroless nickel TZ = Aluminum, tin-zinc green-gold over electroless nickel ZR = Aluminum, zinc nickel-black Z1 = Stainless Steel, passivated					
Shell Size - Layout	Shell Size: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Gold, 500 mating cycles S = Socket, Gold, 500 mating cycles A = Pin insert, less pin contacts B = Socket insert, less socket contacts Connectors supplied with contacts (including spares), insertion/removal tool, and sealing plugs					
Alt. Polarization	W, X, Y, Z, Omit for normal					

NOTES

- Material/finish:
 - Shell, barrel, coupling nut, jam nut - see Table I
 - Wave spring - stainless steel / passivated
 - Grounding spring - BeCu alloy / nickel plating
 - insulator - high grade rigid dielectric
 - Seals, grommet - fluorosilicone blend
 - Contacts - copper alloy / gold
- Assembly is identified with Glenair's name, cage code, part number, and date code space permitting, location optional.
- Glenair's 260-002 connectors are designed to mate with any QPL manufacturer's MIL-DTL-26482, Series 1 & 2 connectors having the same shell size, insert arrangement, and polarization.
- Insert arrangement is in accordance with MIL-STD-1669. Contact manufacturer for additional arrangement options.
- Blue color band indicates rear release retention system.
- Connector is supplied with contacts (including spares), insertion/removal tool, and sealing plugs where indicated in table III.
- Consult factory for crimp tools and/or accessory selection.

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19			19				

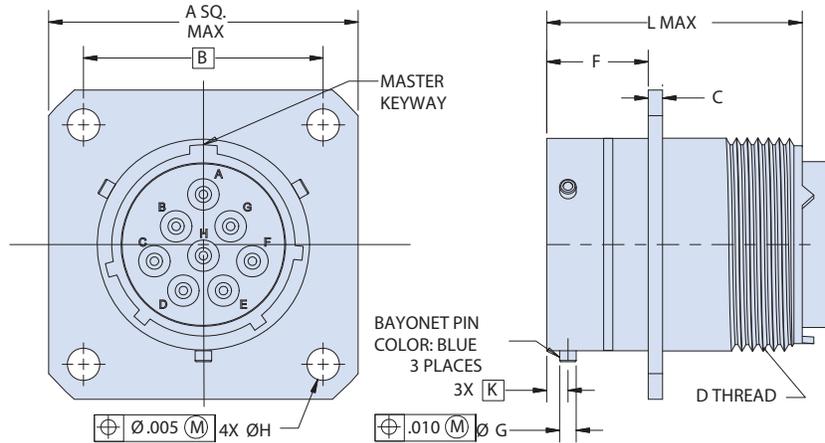
FRONT PANEL MOUNTING HOLES			
Shell Size	ØAA ±.005 (±.13)	ØM Holes ±.010 (±.25)	E
8	.568 (14.43)	.150 (3.81)	.734 (18.64)
10	.685 (17.40)	.150 (3.81)	.812 (20.62)
12	.864 (21.95)	.150 (3.81)	.938 (23.83)
14	.989 (25.12)	.150 (3.81)	1.031 (26.19)
16	1.113 (28.27)	.150 (3.81)	1.125 (28.58)
18	1.238 (31.45)	.150 (3.81)	1.203 (30.56)
20	1.363 (34.62)	.150 (3.81)	1.297 (32.94)
22	1.488 (37.80)	.150 (3.81)	1.375 (34.93)
24	1.615 (41.02)	.150 (3.81)	1.500 (38.10)



GLENAIR SERIES 260 MIL-DTL-26482 Series II Type



260-002-72 Wide-Flange Wall-Mount Receptacle MS3472



DIMENSIONS									
Shell Size	A Sq.	B Bsc.	C	F	D Thread	ØH Holes	ØG	K Bsc	L Max
8	1.065 (27.05)	.734 (18.64)	.078 (1.98) .046 (1.17)	.493 (12.52) .462 (11.73)	.5000-20 UNF-2A	.150 (3.81)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
10	1.141 (28.98)	.812 (20.62)	.078 (1.98) .046 (1.17)	.493 (12.52) .462 (11.73)	.6250-24 UNEF-2A	.150 (3.81)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
12	1.266 (32.16)	.938 (23.83)	.078 (1.98) .046 (1.17)	.493 (12.52) .462 (11.73)	.7500-20 UNEF-2A	.150 (3.81)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
14	1.360 (34.54)	1.031 (26.19)	.078 (1.98) .046 (1.17)	.493 (12.52) .462 (11.73)	.8750-20 UNEF-2A	.150 (3.81)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
16	1.453 (36.91)	1.125 (28.58)	.078 (1.98) .046 (1.17)	.493 (12.52) .462 (11.73)	1.000-20 UNEF-2A	.150 (3.81)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
18	1.532 (38.91)	1.203 (30.56)	.078 (1.98) .046 (1.17)	.493 (12.52) .462 (11.73)	1.0625-18 UNEF-2A	.150 (3.81)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.215 (30.86)
20	1.688 (42.88)	1.297 (32.94)	.110 (2.79) .078 (1.98)	.587 (14.91) .556 (14.12)	1.1875-18 UNEF-2A	.150 (3.81)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.275 (32.39)
22	1.766 (44.86)	1.375 (34.93)	.110 (2.79) .078 (1.98)	.587 (14.91) .556 (14.12)	1.3125-18 UNEF-2A	.150 (3.81)	.084 (2.13) .076 (1.93)	.100 (2.54)	1.275 (32.39)
24	1.891 (48.03)	1.500 (38.10)	.110 (2.79) .078 (1.98)	.620 (15.75) .589 (14.96)	1.4375-18 UNEF-2A	.150 (3.81)	.131 (3.33) .123 (3.12)	.109 (2.77)	1.275 (32.39)

GLENAIR SERIES 260 MIL-DTL-26482 Series II Type

260-002-74 Jam-Nut Mount Receptacle MS3474



HOW TO ORDER						
Sample Part Number	260-002-74	ME	16	-26	P	Y
Series / Basic Part No.	260-002-74 = Jam-nut receptacle					
Material/Finish	AB = Marine bronze, unplated NF = Aluminum, cadmium O.D. over electroless nickel ME = Aluminum, electroless nickel TZ = Aluminum, tin-zinc green-gold over electroless nickel ZR = Aluminum, zinc nickel-black Z1 = Stainless Steel, passivated					
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Gold, 500 mating cycles S = Socket, Gold, 500 mating cycles A = Pin insert, less pin contacts B = Socket insert, less socket contacts Connectors supplied with contacts (including spares), insertion/removal tool, and sealing plugs					
Alt. Polarization	W, X, Y, Z, Omit for normal					

NOTES

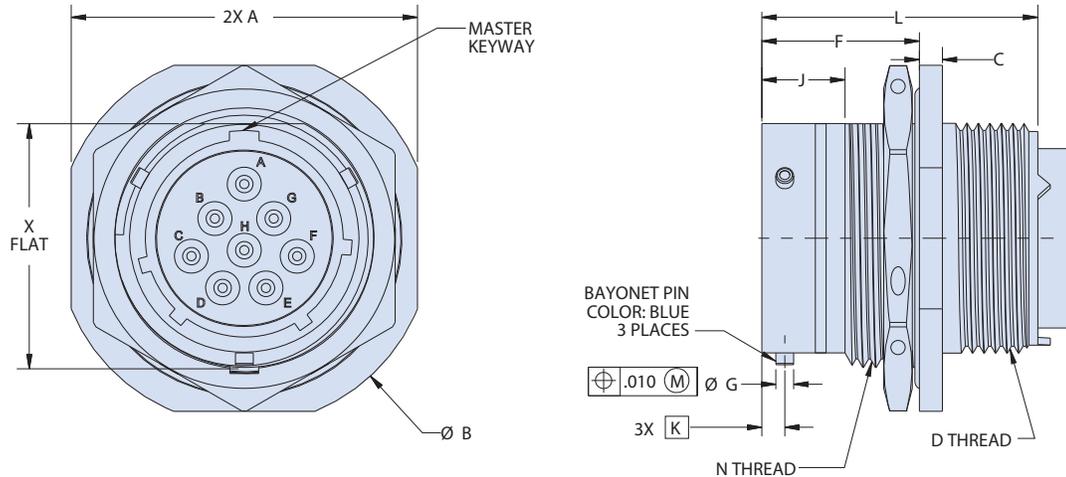
- Material/finish:
 - Shell, barrel, coupling nut, jam nut - see Table I
 - Wave spring - stainless steel / passivated
 - Grounding spring - BeCu alloy / nickel plating
 - insulator - high grade rigid dielectric
 - Seals, grommet - fluorosilicone blend
 - Contacts - copper alloy / gold
- Assembly is identified with Glenair's name, cage code, part number, and date code space permitting, location optional.
- Glenair's 260-002 connectors are designed to mate with any QPL manufacturer's MIL-DTL-26482, Series 1 & 2 connectors having the same shell size, insert arrangement, and polarization.
- Insert arrangement is in accordance with MIL-STD-1669. Contact manufacturer for additional arrangement options.
- Blue color band indicates rear release retention system.
- Connector is supplied with contacts (including spares), insertion/removal tool, and sealing plugs where indicated in table III.
- Consult factory for crimp tools and/or accessory selection.

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19			19				

GLENAIR SERIES 260 MIL-DTL-26482 Series II Type



260-002-74 Jam-Nut Mount Receptacle MS3474



DIMENSIONS

Shell Size	A	B	X Flat	N Thread	D Thread	ØG	K Bsc	C	L Max	F	J
8	.954 (24.23)	1.078 (27.38)	.525 (13.34)	.5625-24 UNEF-2A	.5000-20 UNF-2A	.084 (2.13)	.100 (2.54)	.113 (2.87)	1.215 (30.86)	.707 (17.96)	.378 (9.60)
	.923 (23.44)	1.047 (26.59)				.076 (1.93)		.086 (2.18)		.658 (16.71)	.346 (8.79)
10	1.078 (27.38)	1.203 (30.56)	.650 (16.51)	.6875-24 UNEF-2A	.6250-24 UNEF-2A	.084 (2.13)	.100 (2.54)	.113 (2.87)	1.215 (30.86)	.707 (17.96)	.378 (9.60)
	1.047 (26.59)	1.172 (29.77)				.076 (1.93)		.086 (2.18)		.658 (16.71)	.346 (8.79)
12	1.266 (32.16)	1.391 (35.33)	.813 (20.65)	.8750-20 UNEF-2A	.7500-20 UNEF-2A	.084 (2.13)	.100 (2.54)	.113 (2.87)	1.215 (30.86)	.707 (17.96)	.378 (9.60)
	1.235 (31.37)	1.360 (34.54)				.076 (1.93)		.086 (2.18)		.658 (16.71)	.346 (8.79)
14	1.391 (35.33)	1.516 (38.51)	.937 (23.80)	1.000-20 UNEF-2A	.8750-20 UNEF-2A	.084 (2.13)	.100 (2.54)	.113 (2.87)	1.215 (30.86)	.707 (17.96)	.378 (9.60)
	1.360 (34.54)	1.485 (37.72)				.076 (1.93)		.086 (2.18)		.658 (16.71)	.346 (8.79)
16	1.516 (38.51)	1.641 (41.68)	1.061 (26.95)	1.1250-18 UNEF-2A	1.000-20 UNEF-2A	.084 (2.13)	.100 (2.54)	.113 (2.87)	1.215 (30.86)	.707 (17.96)	.378 (9.60)
	1.485 (37.72)	1.610 (40.89)				.076 (1.93)		.086 (2.18)		.658 (16.71)	.346 (8.79)
18	1.641 (41.68)	1.766 (44.86)	1.186 (30.12)	1.2500-18 UNEF-2A	1.0625-18 UNEF-2A	.084 (2.13)	.100 (2.54)	.113 (2.87)	1.215 (30.86)	.707 (17.96)	.378 (9.60)
	1.610 (40.89)	1.735 (44.07)				.076 (1.93)		.086 (2.18)		.658 (16.71)	.346 (8.79)
20	1.828 (46.43)	1.954 (49.63)	1.311 (33.30)	1.3750-18 UNEF-2A	1.1875-18 UNEF-2A	.084 (2.13)	.100 (2.54)	.148 (3.76)	1.275 (32.39)	.772 (19.61)	.378 (9.60)
	1.797 (45.64)	1.923 (48.84)				.076 (1.93)		.096 (2.44)		.721 (18.31)	.346 (8.79)
22	1.954 (49.63)	2.078 (52.78)	1.436 (36.47)	1.5000-18 UNEF-2A	1.3125-18 UNEF-2A	.084 (2.13)	.100 (2.54)	.148 (3.76)	1.275 (32.39)	.772 (19.61)	.378 (9.60)
	1.923 (48.84)	2.047 (51.99)				.076 (1.93)		.096 (2.44)		.721 (18.31)	.346 (8.79)
24	2.078 (52.78)	2.203 (55.96)	1.561 (39.65)	1.6250-18 UNEF-2A	1.4375-18 UNEF-2A	.131 (3.33)	.109 (2.77)	.148 (3.76)	1.275 (32.39)	.772 (19.61)	.405 (10.29)
	2.047 (51.99)	2.172 (55.17)				.123 (3.12)		.096 (2.44)		.721 (18.31)	.379 (9.63)

PANEL MOUNT

Shell Size	ØH		E Flat	
	ØH	E Flat	ØH	E Flat
8	.572	14.53	.536	13.61
10	.697	17.70	.661	16.79
12	.895	22.73	.824	20.93
14	1.010	25.65	.948	24.08
16	1.135	28.83	1.072	27.23
18	1.260	32.00	1.197	30.40
20	1.385	35.18	1.322	33.58
22	1.510	38.35	1.447	36.75
24	1.635	41.53	1.572	39.93

Diagram showing the panel mount dimensions for the receptacle. It illustrates a circular shell with a diameter labeled ØH and a flat section labeled E FLAT.



MIL-DTL-26482 SERIES II TYPE

Hermetic Connectors

Series II Type Hermetic Connectors with MIL-STD-1669 Insert Arrangements

MIL-DTL-26482 type hermetic-class Series II connectors go beyond the standard mil-spec offerings with additional features and options. These include narrow or wide flange mount Pin-Pin and Pin-Socket bulkhead feed-thrus, and crimp removable pin and socket contacts. Hermetically sealed connectors are ideally suited for harsh vacuum environments which must remain free of air or gas impurities or the ingress of foreign chemical substances to prevent corrosive condensation, dielectric breakdown, or the loss of insulation resistance between conductors. Typical applications include medical, geophysical, military aerospace, and industrial applications.

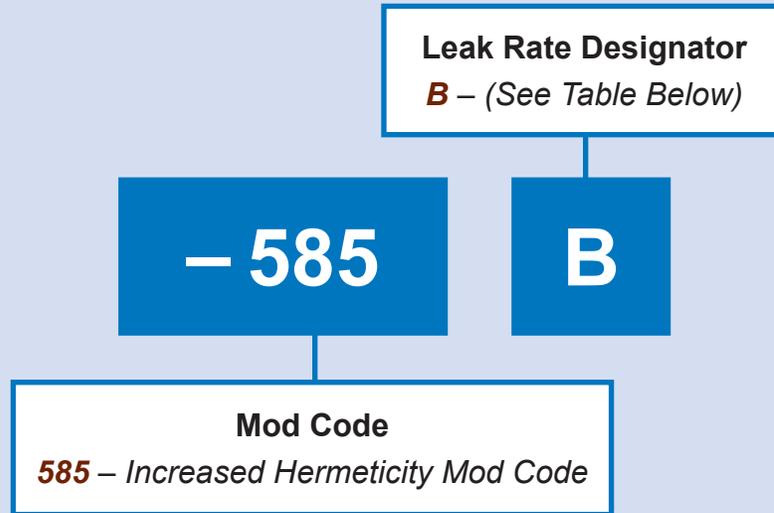
Shell styles for MIL-DTL-26482 type connectors include flange mount, jam-nut mount, and solder mount. Material/Finish options include stainless steel/passivated, stainless steel/nickel plated, and stainless steel/tin plated. Contact factory for additional finish options. Contact arrangements available per MIL-STD-1669. All standard and alternate polarizations are fully supported.



Features:

- 10^{-7} ccHe per sec at 1 atmosphere differential
- Highest performance and quality
- Available for every standard 1669 insert arrangement
- High-reliability performance
- Independent keyed polarization
- Flange mount, solder mount jam-nut mount, and jam-nut mount bulkhead

Special Leak Rate Modification Codes



What is the –585 Mod Code?

Glenair offers an array of hermetic connectors with more stringent leak rate requirements. By adding “–585” and the designator letter “A”, “B” or “C”—depending on the hermeticity desired—to the end of a standard part number, connectors will be built to exceed the standard 1×10^{-7} cc Helium per second leak rate specified on most Glenair hermetics.

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
A	1×10^{-10} cc’s Helium per second
B	1×10^{-9} cc’s Helium per second
C	1×10^{-8} cc’s Helium per second

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type

230-016 Bayonet Coupling, Narrow Flange Mount Receptacle MS3440 Type



HOW TO ORDER						
Sample Part Number	230-016	ME	16	-26	P	Y
Series / Basic Part No.	230-016 = Narrow, Flange Mount Receptacle		Shell Size	Insert Arrangement		
Material/Finish	Z1 = Stainless Steel/ Passivated FT = C1215 Stainless Steel/Tin Plated (See Note 2)					
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Solder Cup S = Socket, Solder Cup	X = Pin, Eyelet Z = Socket, Eyelet				
Alt. Polarization	W, X, Y, Z, Omit for normal					

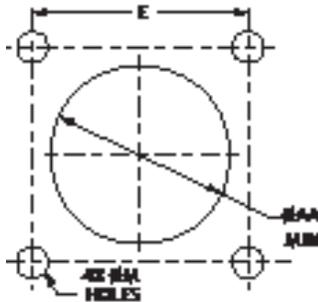
HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell: Z1 - 304L stainless steel/passivate.
 - FT - C1215 stainless steel/tin plated
 - Titanium and Inconel® available. Consult factory.
 - Contacts - 52 Nickel alloy/gold plate.
 - Sockets - Copper alloy, gold plated.
 - Bayonets - Stainless steel/passivate.
 - Seals - Silicone elastomer/N.A.
 - Insulation - Glass/N.A.; Socket: Rigid dielectric/N.A.
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-016 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.
- Performance:
 - Hermeticity - <1 x 10⁻⁷ cc/sec @ 1 atm differential.
 - Dielectric withstanding voltage - Consult factory or MIL-STD-1669.
 - Insulation resistance - 5000 megohms min @500VDC.

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19			19				

RECOMMENDED FRONT PANEL MOUNTING HOLES			
Shell Size	ØAA	ØM Holes	E
8	.563 (14.30)	.110 (2.79)	.589 (14.96)
	.573 (14.55)	.130 (3.30)	.599 (15.21)
10	.680 (17.27)	.110 (2.79)	.714 (18.14)
	.690 (17.53)	.130 (3.30)	.724 (18.39)
12	.859 (21.82)	.110 (2.79)	.807 (20.50)
	.869 (22.07)	.130 (3.30)	.817 (20.75)
14	.984 (24.99)	.110 (2.79)	.901 (22.89)
	.994 (25.25)	.130 (3.30)	.911 (23.14)
16	1.108 (28.14)	.110 (2.79)	.964 (24.49)
	1.118 (28.40)	.130 (3.30)	.974 (24.74)
18	1.233 (31.32)	.110 (2.79)	1.057 (26.85)
	1.243 (31.57)	.130 (3.30)	1.067 (27.10)
20	1.358 (34.49)	.110 (2.79)	1.151 (29.24)
	1.368 (34.75)	.130 (3.30)	1.161 (29.49)
22	1.483 (37.67)	.110 (2.79)	1.245 (31.62)
	1.493 (37.92)	.130 (3.30)	1.255 (31.88)
24	1.610 (40.89)	.137 (3.48)	1.370 (34.80)
	1.620 (41.15)	.157 (3.99)	1.380 (35.05)



230-016 Bayonet Coupling, Narrow Flange Mount Receptacle MS3440 Type

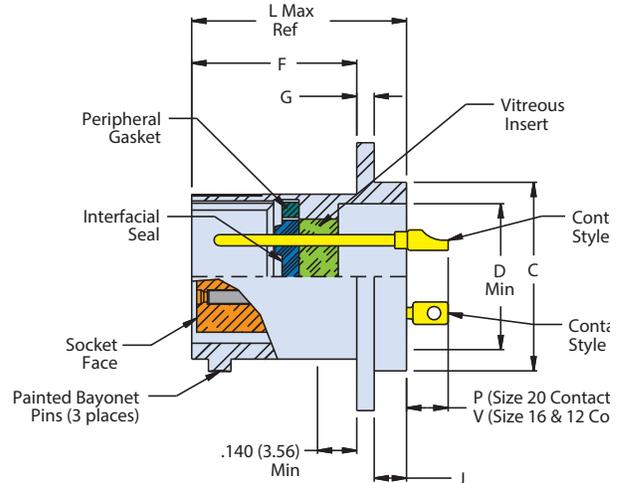
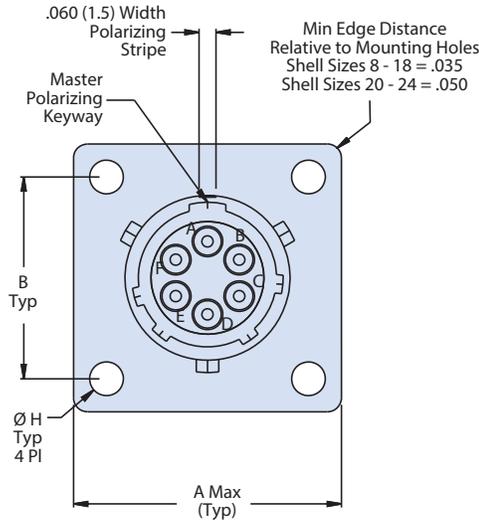


TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS

Shell Size	A Dia ± .010 (0.3)	C Dia Mounting Locator	D Dia Min	F	J	K	L	P	V	Max Weight (Lbs.)
8	.625 (15.9)	.563/.557 (14.3/14.1)	.403 (10.2)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.570 (14.5)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0310
10	.750 (19.1)	.673/.667 (17.1/16.9)	.515 (13.1)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.680 (17.3)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0340
12	.844 (21.4)	.782/.776 (19.9/19.7)	.630 (16.0)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.789 (20.0)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0400
14	.969 (24.6)	.907/.901 (23.0/22.9)	.755 (19.2)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.914 (23.2)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0510
16	1.094 (27.8)	1.032/1.026 (26.2/26.1)	.880 (22.4)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	1.039 (26.4)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0620
18	1.218 (30.9)	1.157/1.151 (29.4/29.2)	.980 (24.9)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	1.164 (29.6)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0820
20	1.312 (33.3)	1.251/1.245 (31.8/31.6)	1.105 (28.1)	.660/.640 (16.8/16.3)	.156/.116 (4.0/2.9)	1.258 (32.0)	.863 (21.9)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.1000
22	1.438 (36.5)	1.376/1.371 (35.0/34.8)	1.230 (31.2)	.660/.640 (16.8/16.3)	.188/.148 (4.8/3.8)	1.383 (35.1)	.895 (22.7)	.146/.086 (3.7/2.2)	.216/.156 (5.5/4.0)	.1150
24	1.564 (39.7)	1.501/1.495 (38.1/38.0)	1.385 (35.2)	.660/.640 (16.8/16.3)	.188/.148 (4.8/3.8)	1.508 (38.3)	.895 (22.7)	.146/.086 (3.7/2.2)	.216/.156 (5.5/4.0)	.2680

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type

230-017 Bayonet Coupling Wide Flange Mount Receptacle MS3442 Type



HOW TO ORDER						
Sample Part Number	230-017	ME	16	-26	P	Y
Series / Basic Part No.	230-017 = Wide Flange Mount Receptacle					
Material/Finish	Z1 = Stainless Steel/ Passivated FT = C1215 Stainless Steel/Tin Plated (See Note 2)					
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Solder Cup S = Socket, Solder Cup		X = Pin, Eyelet Z = Socket, Eyelet			
Alt. Polarization	W, X, Y, Z, Omit for normal					

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell: per part number development Titanium and Inconel® available. Consult factory.
 - Contacts - 52 Nickel alloy/gold plate.
 - Sockets - Copper alloy, gold plated.
 - Bayonets - Stainless steel/passivate.
 - Seals - Silicone elastomer
 - Insulation - Glass
 - Socket: Rigid dielectric
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-017 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.
- Performance:
 - Hermeticity - <1 x 10⁻⁷ cc/sec @ 1 atm differential.
 - Dielectric withstanding voltage - Consult factory or MIL-STD-1669.
 - Insulation resistance - 5000 megohms min @500VDC.

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19							19

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type



230-017 Bayonet Coupling Wide Flange Mount Receptacle MS3442 Type

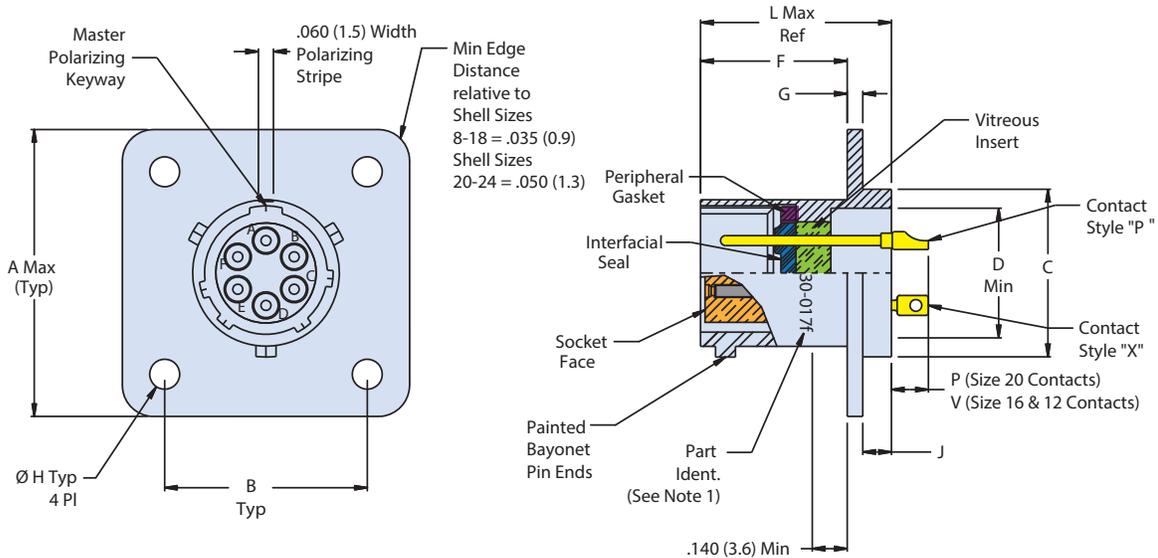


TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS (CONTINUED BELOW)

Shell Size	A	B	C Dia Mounting Locator	D Dia Min	F	G	H	J	L	P	V	Panel Cut-Out Dia
8	1.065 (27.1)	.734 (18.6)	.563/.557 (14.3/14.1)	.403 (10.2)	.598/.578 (15.2/14.7)	.078/.046 (2.0/1.2)	.150 (3.8)	.125/.105 (3.2/2.7)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.570 (14.5)
10	1.141 (29.0)	.812 (20.6)	.673/.667 (17.1/16.9)	.515 (13.1)	.598/.578 (15.2/14.7)	.078/.046 (2.0/1.2)	.150 (3.8)	.125/.105 (3.2/2.7)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.680 (17.3)
12	1.266 (32.2)	.938 (23.8)	.782/.776 (19.9/19.7)	.630 (16.0)	.598/.578 (15.2/14.7)	.078/.046 (2.0/1.2)	.150 (3.8)	.125/.105 (3.2/2.7)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.789 (20.0)
14	1.360 (34.5)	1.031 (26.2)	.907/.901 (23.0/22.9)	.755 (19.2)	.598/.578 (15.2/14.7)	.078/.046 (2.0/1.2)	.150 (3.8)	.125/.105 (3.2/2.7)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.914 (23.2)
16	1.453 (36.9)	1.125 (28.6)	1.032/1.026 (26.2/26.1)	.880 (22.4)	.598/.578 (15.2/14.7)	.078/.046 (2.0/1.2)	.150 (3.8)	.125/.105 (3.2/2.7)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	1.039 (26.4)
18	1.532 (38.9)	1.203 (30.6)	1.157/1.151 (29.4/29.2)	.980 (24.9)	.598/.578 (15.2/14.7)	.078/.046 (2.0/1.2)	.150 (3.8)	.125/.105 (3.2/2.7)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	1.164 (29.6)
20	1.688 (42.9)	1.297 (32.9)	1.251/1.245 (31.8/31.6)	1.105 (28.1)	.660/.640 (16.8/16.3)	.110/.078 (2.8/2.0)	.150 (3.8)	.125/.105 (3.2/2.7)	.863 (21.9)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	1.258 (32.0)
22	1.766 (44.9)	1.375 (34.9)	1.376/1.371 (35.0/34.8)	1.230 (31.2)	.660/.640 (16.8/16.3)	.110/.078 (2.8/2.0)	.150 (3.8)	.125/.105 (3.2/2.7)	.895 (22.7)	.146/.086 (3.7/2.2)	.216/.156 (5.5/4.0)	1.383 (35.1)
24	1.891 (48.0)	1.500 (38.1)	1.501/1.495 (38.1/38.0)	1.385 (35.2)	.660/.640 (16.8/16.3)	.110/.078 (2.8/2.0)	.150 (3.8)	.125/.105 (3.2/2.7)	.895 (22.7)	.146/.086 (3.7/2.2)	.216/.156 (5.5/4.0)	1.508 (38.3)

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type

230-018 Bayonet Coupling Solder Flange Mount Receptacle MS3443 Type



HOW TO ORDER						
Sample Part Number	230-018	FT	10	-6	P	X
Series / Basic Part No.	230-018 = Solder Flange Mount Receptacle					
Material/Finish	Z1 = Stainless Steel/Passivated ZL = Stainless Steel/Nickel Plated FT = C1215 StainlessSteel/Tin Plated (See Note 2)				Shell Size	Insert Arrangement
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Solder Cup S = Socket, Solder Cup		X = Pin, Eyelet Z = Socket, Eyelet			
Alt. Polarization	W, X, Y, Z, Omit for normal					

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19							19

NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell: per part number development Titanium and Inconel[®] available. Consult factory.
 - Contacts: 52 Nickel alloy/gold plate.
 - Sockets: copper alloy, gold plated.
 - Bayonets: stainless steel/passivate.
 - Seals: silicone elastomer
 - Insulation: glass
 - Socket: rigid dielectric
- Performance
 - Hermeticity: <1 x 10⁻⁷ cc/sec @ 1 atm differential.
 - Dielectric withstanding voltage: Consult factory or MIL-STD-1669.
 - Insulation resistance: 5000 megohms min @500VDC.
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-018 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type



230-018 Bayonet Coupling Solder Flange Mount Receptacle MS3443 Type

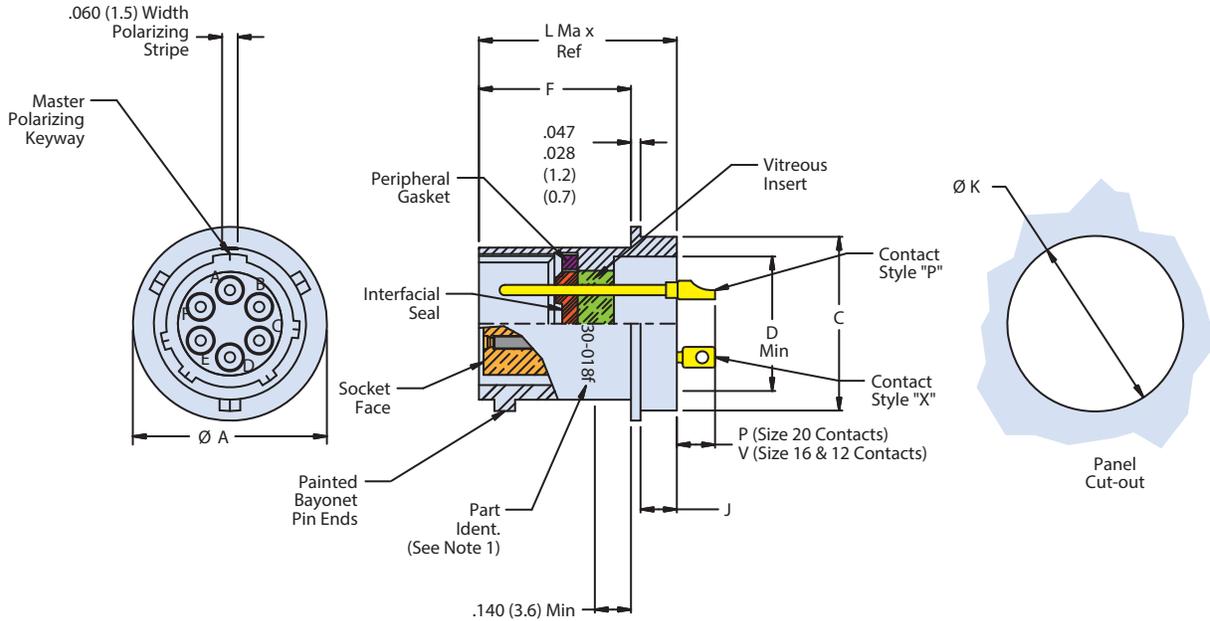


TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS

Shell Size	A Dia ± .010 (0.3)	C Dia Mounting Locator	D Dia Min	F	J	K	L	P	V	Max Weight (Lbs.)
8	.625 (15.9)	.563/.557 (14.3/14.1)	.403 (10.2)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.570 (14.5)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0310
10	.750 (19.1)	.673/.667 (17.1/16.9)	.515 (13.1)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.680 (17.3)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0340
12	.844 (21.4)	.782/.776 (19.9/19.7)	.630 (16.0)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.789 (20.0)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0400
14	.969 (24.6)	.907/.901 (23.0/22.9)	.755 (19.2)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	.914 (23.2)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0510
16	1.094 (27.8)	1.032/1.026 (26.2/26.1)	.880 (22.4)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	1.039 (26.4)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0620
18	1.218 (30.9)	1.157/1.151 (29.4/29.2)	.980 (24.9)	.598/.578 (15.2/14.7)	.156/.116 (4.0/2.9)	1.164 (29.6)	.801 (20.3)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.0820
20	1.312 (33.3)	1.251/1.245 (31.8/31.6)	1.105 (28.1)	.660/.640 (16.8/16.3)	.156/.116 (4.0/2.9)	1.258 (32.0)	.863 (21.9)	.178/.118 (4.5/3.0)	.248/.188 (6.3/4.8)	.1000
22	1.438 (36.5)	1.376/1.371 (35.0/34.8)	1.230 (31.2)	.660/.640 (16.8/16.3)	.188/.148 (4.8/3.8)	1.383 (35.1)	.895 (22.7)	.146/.086 (3.7/2.2)	.216/.156 (5.5/4.0)	.1150
24	1.564 (39.7)	1.501/1.495 (38.1/38.0)	1.385 (35.2)	.660/.640 (16.8/16.3)	.188/.148 (4.8/3.8)	1.508 (38.3)	.895 (22.7)	.146/.086 (3.7/2.2)	.216/.156 (5.5/4.0)	.2680

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type

230-019 Bayonet Coupling Receptacle Single Hole Jam-Nut Mount MS3449 Type



**REPLACES
230-034**

HOW TO ORDER						
Sample Part Number	230-019	FT	10	-6	P	X
Series / Basic Part No.	230-019 = Jam-Nut Mount Receptacle					
Material/Finish	Z1 = Stainless Steel/Passivated ZL = Stainless Steel/Nickel Plated FT = C1215 StainlessSteel/Tin Plated (See Note 2)				Shell Size	Insert Arrangement
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Solder Cup S = Socket, Solder Cup		X = Pin, Eyelet Z = Socket, Eyelet			
Alt. Polarization	W, X, Y, Z, Omit for normal					

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell: per part number development Titanium and Inconel® available. Consult factory.
 - Contacts: 52 Nickel alloy/gold plate.
 - Sockets: copper alloy, gold plated.
 - Bayonets: stainless steel/passivate.
 - Seals: silicone elastomer
 - Insulation: glass
Socket: rigid dielectric
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-018 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.
- Performance
 - Hermeticity: < 1 x 10⁻⁷ cc/sec @ 1 atm differential.
 - Dielectric withstanding voltage: Consult factory or MIL-STD-1669.
 - Insulation resistance: 5000 megohms min @500VDC.

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31			31
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19							19

REPLACEMENT O-RING SEAL	
Shell Size	O-Ring Seal MS29513-
8	16
10	18
12	21
14	23
16	25
18	27
20	29
22	30
24	31

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type



230-019 Bayonet Coupling Receptacle Single Hole Jam-Nut Mount MS3449 Type

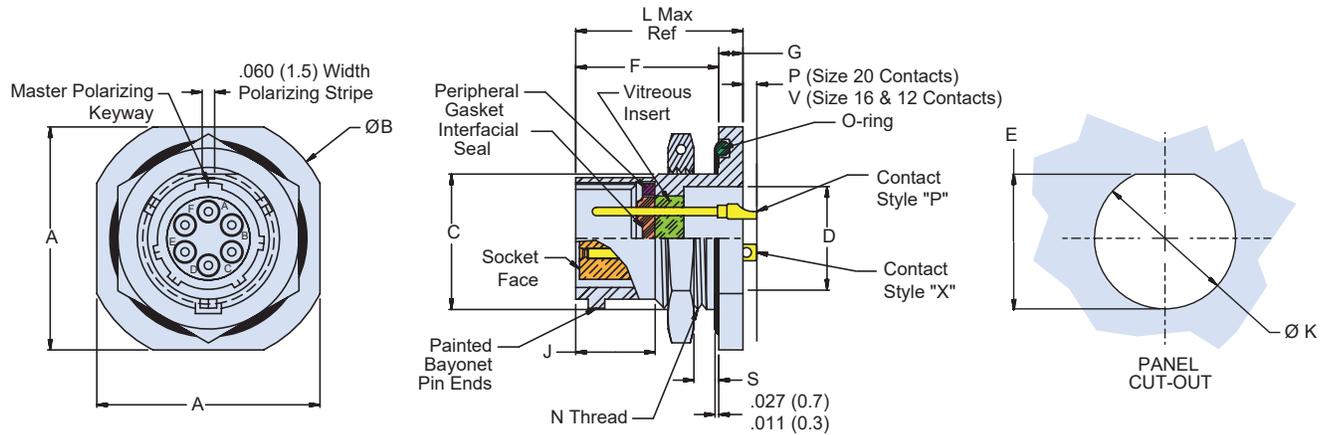


TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS (CONTINUED BELOW)

Shell Size	A Length + .000 - .031 (+0) (-0.8)	B Dia + .000 - .031 (+0) (-0.8) Across Flange Corner	C + .000 - .010 (+0) (-0.3) Mntg Flat	D Dia Min	E Panel Flat Loc.	F Mntg Flange Loc.	G Mntg Flange Thkns	J To Thrd Chamfer ± .010 (0.3)	K + .010 (-0.3) - .005 (-0.1) Panel Mntg Hole	L Overall Length	N UNEF-2A Mounting Thread	P	S Panel Thickness		V	Max. Wgt. (Lbs)
													Min	Max		
8	.954 (24.2)	1.078 (27.4)	.530 (13.5)	.403 (10.2)	.536 (13.6)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	.572 (14.5)	.820 (20.8)	.5625-24	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.0430
10	1.078 (27.4)	1.203 (30.6)	.655 (16.6)	.515 (13.1)	.661 (16.8)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	.697 (17.7)	.820 (20.8)	.6875-24	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.0610
12	1.266 (32.2)	1.391 (35.3)	.818 (20.8)	.630 (16.0)	.824 (20.9)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	.885 (22.5)	.820 (20.8)	.875-20	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.0880
14	1.391 (35.3)	1.516 (38.5)	.942 (23.9)	.755 (19.2)	.948 (24.1)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	1.010 (25.7)	.820 (20.8)	1.000-20	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.1100
16	1.516 (38.5)	1.641 (41.7)	1.062 (27.0)	.880 (22.4)	1.072 (27.2)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	1.135 (28.8)	.820 (20.8)	1.125-18	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.1310
18	1.641 (41.7)	1.766 (44.9)	1.191 (30.3)	.980 (24.9)	1.197 (30.4)	.707/.691 (18.0/17.6)	.113/.097 (2.9/2.5)	.368 (9.3)	1.260 (32.0)	.820 (20.8)	1.250-18	.134/.074 (3.4/1.9)	.062 (1.6)	.187 (4.7)	.204/.144 (5.2/3.7)	.1720
20	1.828 (46.4)	1.954 (49.6)	1.316 (33.4)	1.105 (28.1)	1.322 (33.6)	.772/.754 (19.6/19.2)	.148/.128 (3.8/3.3)	.368 (9.3)	1.385 (35.2)	.920 (23.4)	1.375-18	.099/.039 (2.5/1.0)	.062 (1.6)	.250 (6.4)	.169/.109 (4.3/2.8)	.2110
22	1.954 (49.6)	2.078 (52.8)	1.441 (36.6)	1.230 (31.2)	1.447 (36.8)	.772/.754 (19.6/19.2)	.148/.128 (3.8/3.3)	.368 (9.3)	1.510 (38.4)	.920 (23.4)	1.500-18	.099/.039 (2.5/1.0)	.062 (1.6)	.250 (6.4)	.169/.109 (4.3/2.8)	.2420
24	2.078 (52.8)	2.203 (56.0)	1.566 (39.8)	1.385 (35.2)	1.572 (39.9)	.803/.785 (20.4/19.9)	.148/.128 (3.8/3.3)	.395 (10.0)	1.635 (41.5)	.951 (24.2)	1.625-18	.069/.009 (1.75/0.23)	.062 (1.6)	.250 (6.4)	.139/.079 (3.5/2.0)	.2930

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type

230-043 Bayonet Coupling Jam-Nut Receptacle with Accessory Threads

HOW TO ORDER						
Sample Part Number	230-043	Z1	12	-3	P	
Series / Basic Part No.	230-043 = Jam-Nut Mount Receptacle		Shell Size	Insert Arrangement		
Material/Finish	Z1 = Stainless Steel/Passivated ZL = Stainless Steel/Nickel Plated					
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Solder Cup S = Socket, Solder Cup		X = Pin, Eyelet Z = Socket, Eyelet			
Alt. Polarization	W, X, Y, Z, Omit for normal					

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell: per part number development Titanium and Inconel® available. Consult factory.
 - Contacts hermetic: 52 Nickel alloy/gold plate.
 - Contacts socket: copper alloy, gold plated.
 - Bayonets: stainless steel/passivate.
 - Seals: silicone elastomer
 - Insulator hermetic: full glass.
 - Insulator socket: high-grade rigid dielectric
- Performance
 - Hermeticity: <1 x 10⁻⁷ cc/sec @ 1 atm differential.
 - Dielectric withstanding voltage: Consult factory or MIL-STD-1669.
 - Insulation resistance: 5000 megohms min @500VDC.
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-043 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.

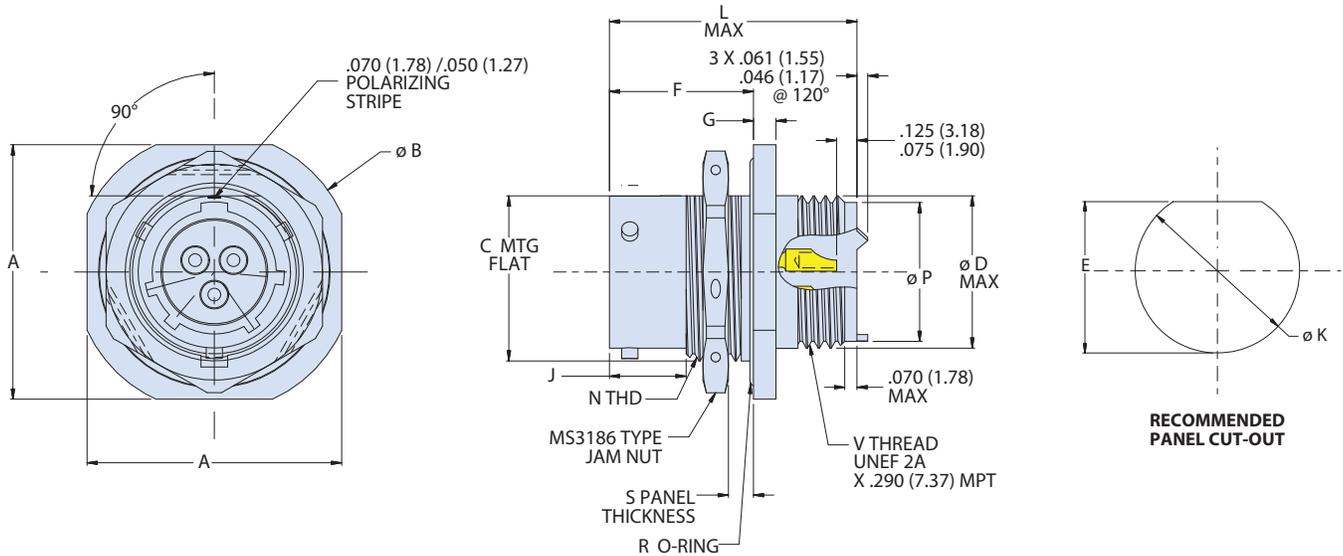
SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19							

REPLACEMENT O-RING SEAL	
Shell Size	O-Ring Seal MS29513-
8	16
10	18
12	21
14	23
16	25
18	27
20	29
22	30
24	31

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type



230-043 Bayonet Coupling Jam-Nut Receptacle with Accessory Threads



DIMENSIONS															
Shell Size	A Length +0.000 -0.031	B ϕ +0.000 -0.031 Across Flange Corner	C +0.000 -0.010 Mtg. Flat	D ϕ Max	E Panel Flat Loc. \pm .005	F Mounting Flange Loc.	G Flange Thickness	J To Thread Chamfer \pm .010	K +0.010 -0.005 Panel Mtng Hole	L Overall Length	N UNEF-2A Mtng Thread	P ϕ Max	S Panel Thickness		V UNEF-2A
													Min	Max	
8	0.954 (24.23)	1.078 (27.38)	0.530 (13.46)	0.499 (12.67)	0.536 (13.61)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	0.572 (14.53)	1.215 (30.86)	.5625-24	0.437 (11.10)	0.062 (1.57)	0.187 (4.75)	.500-20
10	1.078 (27.38)	1.203 (30.56)	0.655 (16.64)	0.625 (15.88)	0.661 (16.79)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	0.697 (17.70)	1.215 (30.86)	.6875-24	0.572 (14.53)	0.062 (1.57)	0.187 (4.75)	.625-24
12	1.266 (32.16)	1.391 (35.33)	0.818 (20.78)	0.750 (19.05)	0.824 (20.93)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	0.885 (22.48)	1.215 (30.86)	.875-20	0.687 (17.45)	0.062 (1.57)	0.187 (4.75)	.750-20
14	1.391 (35.33)	1.516 (38.51)	0.942 (23.93)	0.875 (22.23)	0.948 (24.08)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	1.010 (25.65)	1.215 (30.86)	1.000-20	0.812 (20.62)	0.062 (1.57)	0.187 (4.75)	.875-20
16	1.516 (38.51)	1.641 (41.68)	1.062 (26.97)	1.000 (25.40)	1.072 (27.23)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	1.135 (28.83)	1.215 (30.86)	1.125-18	0.937 (23.80)	0.062 (1.57)	0.187 (4.75)	1.000-20
18	1.641 (41.68)	1.766 (44.86)	1.191 (30.25)	1.066 (27.08)	1.197 (30.40)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	1.260 (32.00)	1.215 (30.86)	1.250-18	0.992 (25.20)	0.062 (1.57)	0.187 (4.75)	1.0625-18
20	1.828 (46.43)	1.954 (49.63)	1.316 (33.43)	1.187 (30.15)	1.322 (33.58)	.772 (19.61) .754 (19.15)	.148 (3.76) .128 (3.25)	0.368 (9.35)	1.385 (35.18)	1.315 (33.40)	1.375-18	1.117 (28.37)	0.062 (1.57)	0.250 (6.35)	1.1875-18
22	1.954 (49.63)	2.078 (52.78)	1.441 (36.60)	1.312 (33.32)	1.447 (36.75)	.772 (19.61) .754 (19.15)	.148 (3.76) .128 (3.25)	0.368 (9.35)	1.510 (38.35)	1.315 (33.40)	1.500-18	1.242 (31.55)	0.062 (1.57)	0.250 (6.35)	1.3125-18
24	2.078 (52.78)	2.203 (55.96)	1.566 (39.78)	1.437 (36.50)	1.572 (39.93)	.803 (20.40) .785 (19.94)	.148 (3.76) .128 (3.25)	0.395 (10.03)	1.635 (41.53)	1.346 (34.19)	1.625-18	1.367 (34.72)	0.062 (1.57)	0.250 (6.35)	1.4375-18

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type

230-044 Bayonet Coupling Jam-Nut Receptacle with Banding Porch

HOW TO ORDER						
Sample Part Number	230-044	Z1	12	-3	P	
Series / Basic Part No.	230-044 = Jam-Nut Mount Receptacle					
Material/Finish	Z1 = Stainless Steel/Passivated ZL = Stainless Steel/Nickel Plated					
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Solder Cup X = Pin, Eyelet S = Socket, Solder Cup Z = Socket, Eyelet					
Alt. Polarization	W, X, Y, Z, Omit for normal					

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell: per part number development Titanium and Inconel[®] available. Consult factory.
 - Contacts hermetic: 52 Nickel alloy/gold plate.
 - Contacts socket: copper alloy, gold plated.
 - Bayonets: stainless steel/passivate.
 - Seals: silicone elastomer
 - Insulator hermetic: full glass.
 - Insulator socket: high-grade rigid dielectric
- Performance
 - Hermeticity: <1 x 10⁻⁷ cHe/sec @ 1 atm differential.
 - Dielectric withstanding voltage: Consult factory or MIL-STD-1669.
 - Insulation resistance: 5000 megohms min @500VDC.
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-043 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.

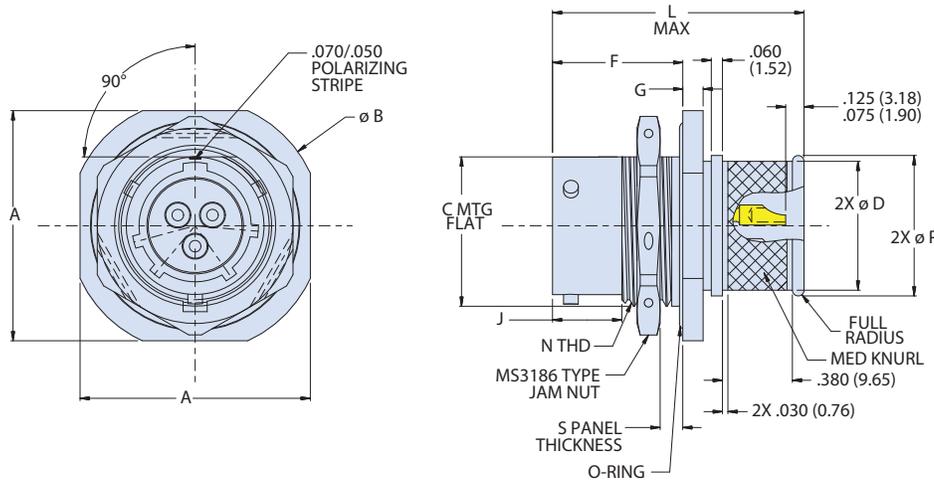
SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19							

REPLACEMENT O-RING SEAL	
Shell Size	O-Ring Seal MS29513-
8	16
10	18
12	21
14	23
16	25
18	27
20	29
22	30
24	31

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type



230-044 Bayonet Coupling Jam-Nut Receptacle with Banding Porch



DIMENSIONS

Shell Size	A Length +.000 (0.00) -0.031 (0.79)	B Ø +.000 (0.00) -0.031 (7.87) Across Flange Corner	C +.000 (.00) -0.010 (0.25) Mtg. Flat	D Ø Max	E Panel Flat Location ±.005	F Mounting Flange Location	G Flange Thickness	J To Thread Chamfer ±.010 (0.25)	K +.010 (0.25) -0.005 (0.13) Panel Mounting Hole	L Overall Length	N UNEF-2A Mounting Thread	P Ø Max	S Panel Thickness	
													Min	Max
8	0.954 (24.23)	1.078 (27.38)	0.530 (13.46)	0.475 (12.07)	0.536 (13.61)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	0.572 (14.53)	1.335 (33.91)	.5625-24	0.538 (13.67)	0.062 (1.57)	0.187 (4.75)
10	1.078 (27.38)	1.203 (30.56)	0.655 (16.64)	0.600 (15.24)	0.661 (16.79)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	0.697 (17.70)	1.335 (33.91)	.6875-24	0.662 (16.81)	0.062 (1.57)	0.187 (4.75)
12	1.266 (32.16)	1.391 (35.33)	0.818 (20.78)	0.700 (17.78)	0.824 (20.93)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	0.885 (22.48)	1.335 (33.91)	.875-20	0.762 (19.35)	0.062 (1.57)	0.187 (4.75)
14	1.391 (35.33)	1.516 (38.51)	0.942 (23.93)	0.835 (21.21)	0.948 (24.08)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	1.010 (25.65)	1.335 (33.91)	1.000-20	0.898 (22.81)	0.062 (1.57)	0.187 (4.75)
16	1.516 (38.51)	1.641 (41.68)	1.066 (27.08)	0.960 (24.38)	1.072 (27.23)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	1.135 (28.83)	1.335 (33.91)	1.125-18	1.022 (25.96)	0.062 (1.57)	0.187 (4.75)
18	1.641 (41.68)	1.766 (44.86)	1.191 (30.25)	1.062 (26.97)	1.197 (30.40)	.707 (17.96) .691 (17.55)	.113 (2.87) .097 (2.46)	0.368 (9.35)	1.260 (32.00)	1.335 (33.91)	1.250-18	1.125 (28.58)	0.062 (1.57)	0.187 (4.75)
20	1.828 (46.43)	1.954 (49.63)	1.316 (33.43)	1.188 (30.18)	1.322 (33.58)	.772 (19.61) .754 (19.15)	.148 (3.76) .128 (3.25)	0.368 (9.35)	1.385 (35.18)	1.435 (36.45)	1.375-18	1.250 (31.75)	0.062 (1.57)	0.250 (6.35)
22	1.954 (49.63)	2.078 (52.78)	1.441 (36.60)	1.275 (32.39)	1.447 (36.75)	.772 (19.61) .754 (19.15)	.148 (3.76) .128 (3.25)	0.368 (9.35)	1.510 (38.35)	1.435 (36.45)	1.500-18	1.338 (33.99)	0.062 (1.57)	0.250 (6.35)
24	2.078 (52.78)	2.203 (55.96)	1.566 (39.78)	1.475 (37.47)	1.572 (39.93)	.803 (20.40) .785 (19.94)	.148 (3.76) .128 (3.25)	0.395 (10.03)	1.635 (41.53)	1.466 (37.24)	1.625-18	1.538 (39.07)	0.062 (1.57)	0.250 (6.35)

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type

947-292 Bayonet Coupling Jam-Nut Mount Pin-Socket Feedthrough



HOW TO ORDER						
Sample Part Number	947-292	Z1	22	-55	P	X
Series / Basic Part No.	230-044 = Jam-Nut Mount Receptacle			Shell Size	Insert Arrangement	
Material/Finish	Z1 = Stainless Steel/Passivated ZL = Stainless Steel/Nickel Plated					
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table					
Contact Type	P = Pin, Solder Cup S = Socket, Solder Cup		X = Pin, Eyelet Z = Socket, Eyelet			
Alt. Polarization	W, X, Y, Z, Omit for normal					

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

NOTES

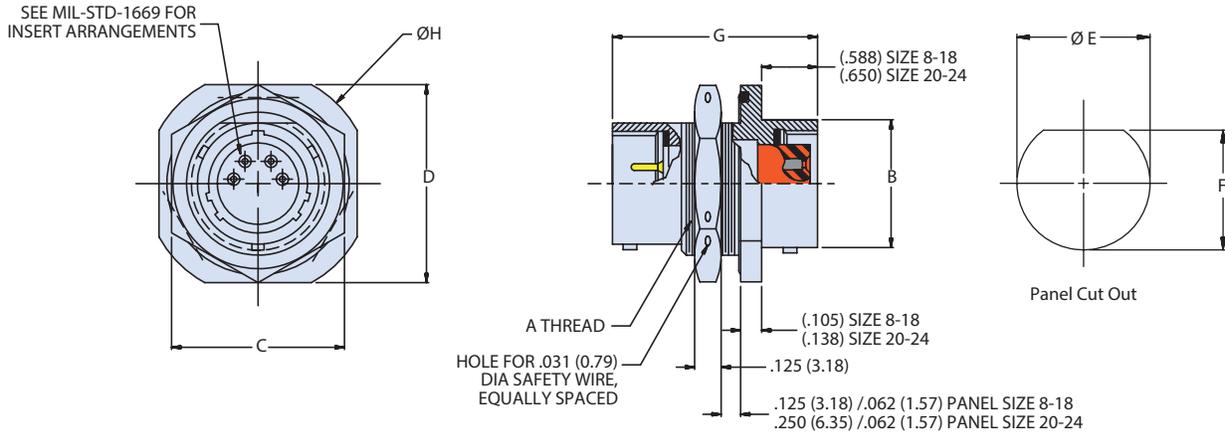
- To be identified with manufacturer's name, part number and date code, space permitting.
- Hermeticity: <1x10⁻⁷ cc/sec @ 1 ATM differential
- Material/Finish:
 - Shell and jam-nut: per part number development Titanium and Inconel® available, consult factory.
 - Contacts: alloy 52/gold plate
 - Bayonets: CRES/passivated
 - Insulator: vitreous glass seal
 - Seals: silicone elastomer
 - Spacer: high grade rigid dielectric

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19			19				

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type



947-292 Bayonet Coupling Jam-Nut Mount Pin-Socket Feedthrough



DIMENSIONS

Shell Size	A Thread Class 2A	B Dia Max	C Hex	D Flats	E Dia +.010 -.005 (+0.3 -0.1)	F Dim +.010 -.005 (+0.3 -0.1)	G Max	H Dia ± .016 (0.4)
8	9/16-24 UNEF	.474 (12.0)	.750 (19.1)	.954 (24.2)	.572 (14.5)	.536 (13.6)	1.420 (36.1)	1.062 (27.0)
10	11/16-24 UNEF	.591 (15.0)	.875 (22.2)	1.078 (27.4)	.697 (17.7)	.661 (16.8)	1.420 (36.1)	1.187 (30.1)
12	7/8-20 UNEF	.751 (19.1)	1.062 (27.0)	1.266 (32.2)	.895 (22.7)	.824 (20.9)	1.420 (36.1)	1.375 (34.9)
14	1-20 UNEF	.876 (22.3)	1.188 (30.2)	1.391 (35.3)	1.010 (25.7)	.948 (24.1)	1.420 (36.1)	1.500 (38.1)
16	1 1/8-18 UNEF	1.001 (25.4)	1.312 (33.3)	1.516 (38.5)	1.135 (28.8)	1.072 (27.2)	1.420 (36.1)	1.625 (41.3)
18	1 1/4-18 UNEF	1.126 (28.6)	1.438 (37.0)	1.641 (41.7)	1.260 (32.0)	1.197 (30.4)	1.420 (36.1)	1.750 (44.5)
20	1 3/8-18 UNEF	1.251 (31.8)	1.562 (39.7)	1.828 (46.4)	1.385 (35.2)	1.322 (33.6)	1.580 (40.1)	1.938 (49.2)
22	1 1/2-18 UNEF	1.376 (35.0)	1.688 (42.9)	1.954 (49.6)	1.510 (38.0)	1.447 (36.8)	1.580 (40.1)	2.062 (52.4)
24	1 5/8-18 UNEF	1.501 (38.1)	1.812 (46.0)	2.087 (53.0)	1.635 (41.5)	1.572 (39.9)	1.620 (41.1)	2.187 (55.5)

GLENAIR SERIES 260 MIL-DTL-26482 Hermetic Series II Type

257-135 Bayonet Coupling Jam-Nut Mount Pin-Pin Feedthrough



HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

NOTES

- To be identified with manufacturer's name, part number and date code, space permitting.
- Material/Finish:
 - Shell and jam-nut: per part number development Titanium and Inconel® available. Consult factory.
 - Contacts hermetic: 52 Nickel alloy/gold plate.
 - Contacts socket: copper alloy, gold plated.
 - Bayonets: stainless steel/passivate.
 - Seals: fluorsilicone
 - Insulator hermetic: full glass.
 - Insulator socket: high-grade rigid dielectric
- Performance
 - Hermeticity: < 1 x 10⁻⁷ ccHe/sec @ 1 atm differential.
 - Dielectric withstanding voltage: Consult factory or MIL-STD-1669.
 - Insulation resistance: 5000 megohms min @500VDC.
- Consult factory and/or MIL-STD-1669 for arrangement and insert position options.
- Glenair 230-043 will mate with any QPL MIL-DTL-26482 Series II bayonet coupling plug of same size and insert polarization.

HOW TO ORDER			
Sample Part Number	257-135	24	-61
Series / Basic Part No.	257-135 = Jam-Nut Mount Bulkhead Feedthrough		Shell Size Insert Arr.
Shell Size - Layout	Shell Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24 Layout per MIL-STD-1669; see Shell Size - Insert Layout table		

SHELL SIZE - INSERT LAYOUT															
Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity			Shell Size - Layout	Size / Quantity		
	20	16	12		20	16	12		20	16	12		20	16	12
8-2	2			14-9	5		4	18-11		11		22-19			19
8-3	3			14-12	8	4		18-30	29	1		22-21		21	
8-4	4			14-15	14	1		18-32	32			22-32	32		
8-33	3			14-18	18			18-85	5		8	22-34	34		
8-98	3			14-19	19			20-16		16		22-41	27	14	
10-6	6			14-22	1		4	20-24	24			22-55	55		
10-98	6			16-8		8		20-27	27			22-95	26		6
12-3		3		16-14	8		6	20-39	37	2		24-19			19
12-8	8			16-23	22	1		20-41	41			24-27	11		16
12-10	10			16-26	26			20-90	3		12	24-31		31	
14-4			4	16-99	21	2		22-12			12	24-61	61		
14-5		5		18-8			8	22-19			19				

257-135 Bayonet Coupling Jam-Nut Mount Pin-Pin Feedthrough

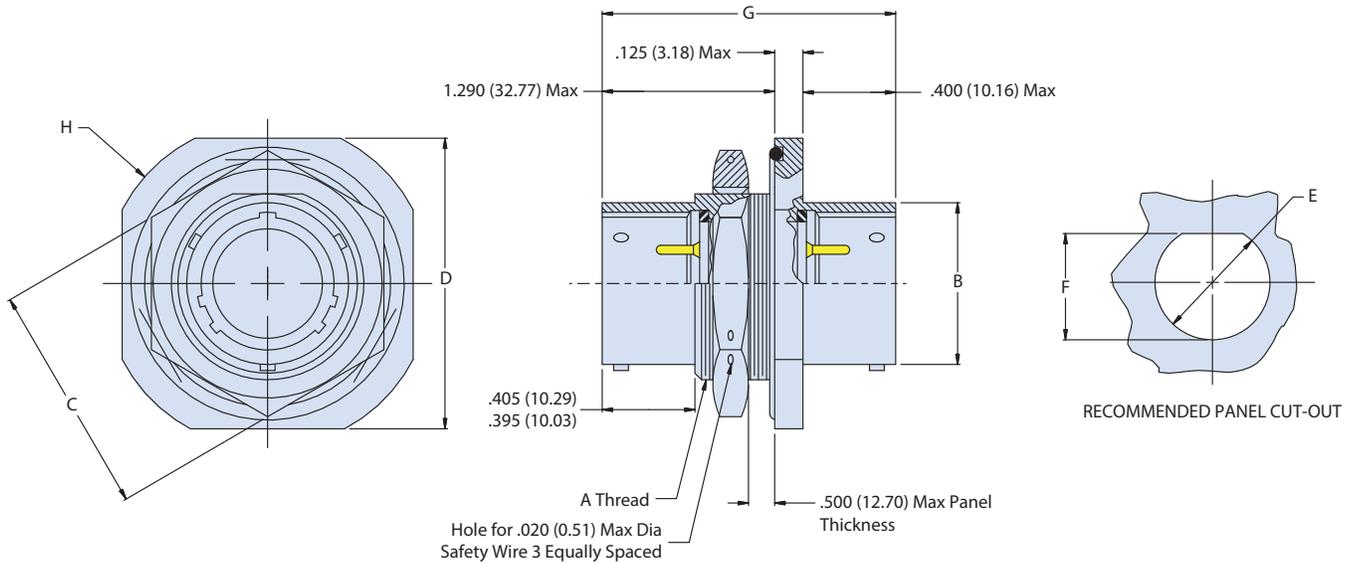


TABLE I: CONNECTOR AND CUT-OUT DIMENSIONS (CONTINUED BELOW)

Shell Size	A Thread Class 2A	B Dia Max	C Hex	D Flats	E Dia +.010 -.005 (+0.3 -0.1)	F Dia +.010 -.005 (+0.3 -0.1)	G Max	H Dia ± .016 (0.4)
8	9/16-24 UNEF	.474 (12.0)	.750 (19.1)	.938 (23.8)	.572 (14.5)	.540 (13.7)	2.125 (54.0)	1.062 (27.0)
10	11/16-24 UNEF	.591 (15.0)	.875 (22.2)	1.062 (27.0)	.697 (17.7)	.665 (16.9)	2.125 (54.0)	1.187 (30.1)
12	7/8-20 UNEF	.751 (19.1)	1.062 (27.0)	1.250 (31.8)	.895 (22.7)	.828 (21.0)	2.125 (54.0)	1.375 (34.9)
14	1-20 UNEF	.876 (22.3)	1.188 (30.2)	1.375 (34.9)	1.010 (25.7)	.952 (24.2)	2.125 (54.0)	1.500 (38.1)
16	1 1/8-18 UNEF	1.001 (25.4)	1.312 (33.3)	1.500 (38.1)	1.135 (28.8)	1.076 (27.3)	2.125 (54.0)	1.625 (41.3)
18	1 1/4-18 UNEF	1.126 (28.6)	1.438 (37.0)	1.625 (41.3)	1.260 (32.0)	1.201 (30.5)	2.125 (54.0)	1.750 (44.5)
20	1 3/8-18 UNEF	1.251 (31.8)	1.562 (39.7)	1.812 (46.0)	1.385 (35.2)	1.326 (33.7)	2.125 (54.0)	1.938 (49.2)
22	1 1/2-18 UNEF	1.376 (35.0)	1.688 (42.9)	1.938 (49.2)	1.510 (38.0)	1.451 (36.9)	2.125 (54.0)	2.062 (52.4)
24	1 5/8-18 UNEF	1.501 (38.1)	1.812 (46.0)	2.062 (52.4)	1.635 (41.5)	1.576 (40.0)	2.125 (54.0)	2.187 (55.5)



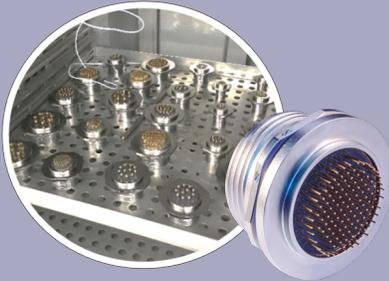
Hermetically-sealed interconnects used in vacuum or high-altitude applications prevent moisture and other contaminants from damaging sensitive electronic equipment. Glass-to-metal hermetic sealing has been the gold standard in the aerospace and petrochemical industries for decades due to the strength and long-term durability of the materials used. But glass-to-metal seal hermetics come with a big price tag in both weight and electrical resistance. CODE RED is an innovative sealing encapsulant and application process invented by Glenair that provides durable hermetic sealing in a lightweight aluminum package. CODE RED allows for the use of gold-plated copper alloy contacts, significantly improving electrical performance. CODE RED hermetic connectors are available in SuperNine® (D38999 Series III type metal and composite), Mighty Mouse, M24308 D-Sub, HiPer-D, and Series 79; and deliver reliable, life-of-system 1×10^{-7} max leak-rate hermetic sealing. Special non-magnetic (zero residual magnetism) versions are also available, consult factory.

- 1×10^{-7} hermetic sealing in a lightweight aluminum shell
- Low-resistance gold-plated copper contacts
- Passed full D38999/23 qualification testing
- Meets NASA outgassing and aerospace temperature/corrosion resistance standards
- Operating temperature -65°C to +200°C
- Up to +50% weight savings
- Improved current carrying capacity and electrical resistance compared to Kovar/Inconel solutions



Lightweight, Low-Resistance Hermetic Sealing Solution

CODE RED LIGHTWEIGHT HERMETIC CONNECTOR TESTING AND VALIDATION



Connectors utilizing CODE RED hermetic encapsulant sealing underwent a grueling qualification test and validation process to prove material durability and hermeticity. Validation testing including 100 cycles of thermal shock IAW EIA-364-32 Test Condition A -65°C to +200°C while maintaining hermeticity followed by 1000 hours of thermal aging at 200°C. Additional tests included:

- DWV, DWV at altitude
- IR, IR at temperature
- Highly Accelerated Life Testing (HALT)
- Insert and contact retention
- Mating durability
- Random vibration at temperature IAW MIL-DTL-38999
- Hermetic seal at 1 atm differential pressure

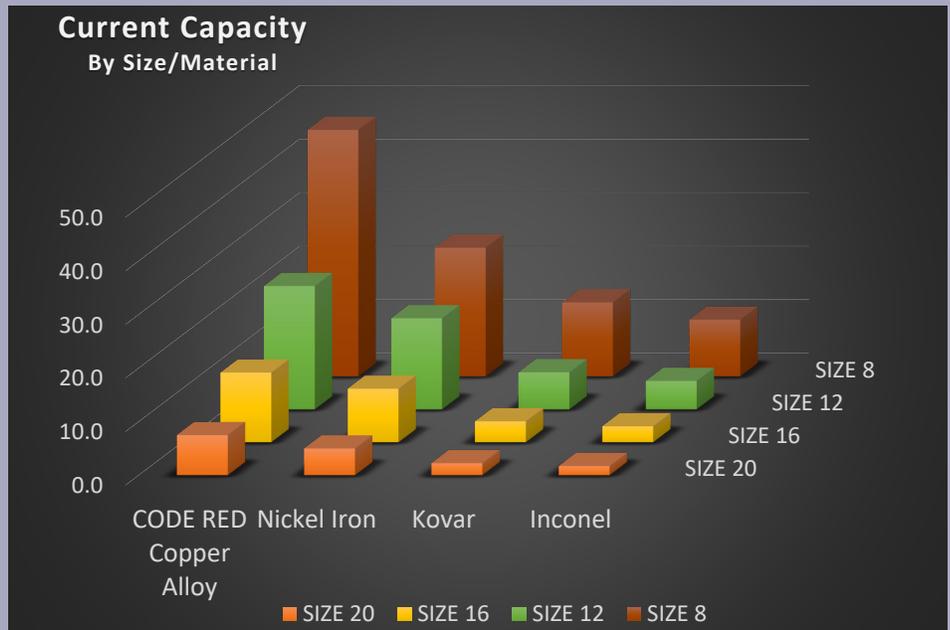
The entire qualification test cycle was repeated successfully with new parts to validate complete reliability.

CODE RED USES PROVEN-PERFORMANCE CONNECTOR AND CONTACT MATERIALS

CODE RED MATERIALS / FINISH	
Sealing Adhesive	Proprietary Glenair compounds
Contacts*	Gold-plated beryllium copper alloy
Insulator	Rigid high-temp plastic
Seals	Blended fluorosilicone/silicone elastomer
Receptacle Shell and Jam Nut*	Aluminum alloy
Finish*	Multiple mil-spec finishes

*zero residual magnetism materials also available

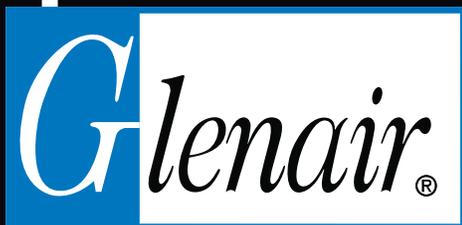
Graph illustrates Current Carrying Capacity of CODE RED copper alloy contacts compared to the Inconel, Kovar, and nickel iron contacts used in conventional glass-to-metal seal hermetics.



PERCENTAGE WEIGHT SAVINGS CODE RED VS. GLASS-TO-METAL MIL-DTL-38999 SR. III	
Shell Size/Insert Arr.	Weight Reduction
9-35	52%
11-98	47%
13-35	47%
15-97	42%
19-32	40%
21-11	32%
23-21	28%
25-08	43%

AVAILABLE CONNECTOR PACKAGES





MISSION-CRITICAL INTERCONNECT SOLUTIONS

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